



## **CONSTRUCTION TOOLS FACTS BOOK**



*Atlas Copco*

# WELCOME TO ATLAS COPCO CONSTRUCTION TOOLS

## Sustainable Productivity

An investment in quality is an investment in sustainability and reliability. Intelligent engineering, top quality materials, first-class components and modern engines with low fuel consumption and emissions, contribute to long lasting machines with high trade-in values. To keep things that way and to maximize your uptime we provide reliable service whenever and wherever you need it.

At the end of the day, you get the job done with good results. Our goal is to help you reduce maintenance, increase efficiency and keep life cycle costs down

## It makes sense to choose lowest lifecycle cost

The total cost of owning equipment over its lifecycle is largely due to operating costs such as maintenance, spare parts and energy. Therefore it pays off to choose our products. They offer low maintenance, high performance, long lifetimes and high resale value. This adds up to lower cost of ownership, even if the initial investment might be slightly higher.

## Ergonomic tool design at its best

Good tool ergonomics also lead to sustainable productivity. We aim to minimize the physical impact on the operator by designing tools that are powerful and comfortable to hold, with low noise, vibration and emission levels.

## Low maintenance costs, high availability

Tailor-made maintenance kits, genuine working tools, accessories and warranty programs. These all help to keep maintenance costs down and contribute to sustainable productivity.

## Valuable support from a global partner

Our global network is spread over 180 countries and we have more than 1000 distributors around the globe. We have the knowledge and experience to help you choose the best tools for the job – tools that will keep on working – and we provide you with professional advice, on-site training, assistance and service. It all adds up to sustainable productivity.

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# COMPACTION EQUIPMENT

Atlas Copco







### Get the job done faster...

Our range of compaction equipment will take your productivity to a whole new level. Outstanding compaction efficiency – thanks to superior forces and the high speed of our rammers, plates and rollers – enables you to get the job done faster and squeeze more into your daily schedule.

### Easier..

Making your workday easier and more productive is our highest priority. Starting, maneuvering and transportation of products from our compaction range is made easy with smart engineering solutions such as the rammer air breather system, water distribution system on the forward plates or the compact design of our rollers with hydraulic transmission. User friendly design and low hand/arm vibration makes work easier and increase efficiency further.

### And more cost efficient

You need equipment built to last longer; machines with long service intervals and low life cycle cost. Our innovative designs come from long experience in the industry, and from keeping close ties with customers like you in order to match your needs and increase productivity.



Download a QR reader and scan the code.

# RAMMERS

## Applications:

- Compacting medium to deep layers of cohesive soils, such as clay or silt but also sand and gravel
- Repair jobs and in confined areas such as trenches, around pillars and on housing sites



## Advantages:

- High compaction efficiency
- Easy to operate
- Service friendly
- Low maintenance and low fuel consumption

[www.youtube.com/atlascopcoconstruct](http://www.youtube.com/atlascopcoconstruct)



## Features:

- Sealed, multi-function tank with throttle control (stop/idle/run)
- Honda 4-stroke engine with new carburetor
- Patented air breather system for easy start
- Easy access to all daily service points
- Efficient shock absorbers



NEW Q2 2016

Rammers		LT5005		LT6005		LT8005	
		6"	9"	9"	11"	11"	13"
Operating weight	kg	61	62	68	69	93	94
Frequency	Hz	12	11	12	12	12	12
Amplitude	mm	50-60	50-60	65-75	65-75	75-85	75-85
Speed	m/min	15-18	15-18	15-18	15-18	13-16	13-16
H/A vibrations, standard handle	m/s <sup>2</sup>	6,4	6,4	6,4	6,4	11,9	11,9
Sound power, guaranteed	dB(A)	92	92	106	106	107	107
Sound pressure at operators ear	dB(A)	92	92	92	92	95	95
<b>Dimensions</b>							
Plate width	mm	150	230	230	280	280	330
Plate length	mm	330	330	330	330	330	330
LxWxH	mm	726x345x1025	730x345x1025	730x345x1025	730x345x1060	815x422x1048	815x422x1048
<b>Engine</b>							
Model		Honda GXR120		Honda GXR120		Hatz 1B20	Hatz 1B20
Rated power	kW	2,6	2,6	2,6		3	3
Part number		3382 0003 67	3382 0002 25	3382 0003 53	3382 0002 24	3382 0005 49	3382 0005 81

## FORWARD PLATE COMPACTORS

### SOIL COMPACTION

#### Applications:

- Compacting thin to medium layers of granular soils
- Block paving
- Repair jobs and maintenance work such as driveways, sidewalks and parking lots

#### Advantages:

- High speed
- Operator comfort
- Easy transportation
- Longer service life



#### Features:

- Specially engineered bottom plate
- Unique vibration-reduced handle
- Wheels for easy transfer around work sites
- Stowable handle for easy transportation and storage
- Long life V-belt thanks to cooling fan and ventilated cover

#### Options:

- Block paving kit (LF75-130)
- Fork lifting device (LF75-100, standard on LF130)
- Water tank. For upgrading soil plates, LF75–LF100, to Soil & Asphalt versions



Forward plate compactors		LF50	LF80	LF100		LF130	
Fuel		Petrol	Petrol	Petrol	Diesel	Petrol	Diesel
Operating weight	kg	53	82	97	106	135	141
Frequency	Hz	95	95	95	95	95	95
Amplitude	mm	0,9	1,3	0,9	0,9	0,9	0,9
Centrifugal force	kN	8	19	17	17	20	20
Speed	m/min	24	33	25	25	22	22
H/A vibrations, standard handle	m/s <sup>2</sup>	6,9	6,7	6,0	9,3	5,4	9,3
H/A vibrations, low vibration handle	m/s <sup>2</sup>	1,8	1,2	1,3	1,9	1,1	1,9
Sound power, guaranteed	dB(A)	100	103	104	104	104	104
Sound pressure at operators ear	dB(A)	89	91	93	93	93	93
<b>Dimensions</b>							
Plate width	mm	320	420	500	500	500	500
Plate length	mm	505	570	595	595	580	580
LxWxH	mm	940x320x965	960x420x995	960x500x995	960x500x995	960x500x995	960x500x995
<b>Engine</b>							
Model		Honda GX100	Honda GX160	Honda GX160	Hatz 1B20	Honda GX160	Hatz 1B20
Rated power	kW	2,2	4,1	4,1	2,5	4,1	2,5
Part number		3382 0000 32	3382 0000 25	3382 0000 28	3382 0000 30	3382 0000 34 <sup>1)</sup>	3382 0000 35 <sup>1)</sup>
Part number with water tank		-	3382 0000 26 <sup>1)</sup>	3382 0000 31	3382 0000 29 <sup>1)</sup>	-	-

<sup>1)</sup>With transport wheels

## FORWARD PLATE COMPACTORS

### SOIL AND ASPHALT COMPACTION

#### Applications:

- Asphalt repair and maintenance work such as driveways, sidewalks and parking lots
- Compacting thin to medium layers of granular soils
- Block paving



www.youtube.com/  
atlascopeconstruct

#### Advantages:

- High speed
- Operator comfort
- Easy transportation
- Longer service life

#### Features:

- Smart water distribution system

- Removable, 13-liter water tank for LF60LA / LAT = 5 liters
- Patented vibration-reduced handle
- Specially engineered bottom plate
- Wheels for easy transport around work sites
- Stowable handle for easy transportation and storage



Forward plate compactors		LF 60 LA	LF 60 LAT	LF75		LF100	
Fuel		Petrol	Petrol	Petrol	Petrol	Petrol	Diesel
Operating weight	kg	62,5	67	92	95	107	116
Frequency	Hz	95	95	95	95	95	95
Amplitude	mm	0,9	0,9	1,0	1,0	0,9	0,9
Centrifugal force	kN	10,4	10,4	15	15	17	17
Speed	m/min	25	25	27	24	25	25
H/A vibrations, standard handle	m/s <sup>2</sup>	7,9	7,9	6,0	6,0	6,0	9,3
H/A vibrations, low vibration handle	m/s <sup>2</sup>	1,9	1,9	1,2	1,2	1,3	1,9
Watertank	l	5	5	13	13	13	13
Sound power, guaranteed	dB(A)	100	100	102	102	104	104
Sound pressure at operators ear	dB(A)	88	88	91	91	93	93
<b>Dimensions</b>							
Plate width	mm	350	350	420	500	500	500
Plate length	mm	545	545	570	570	595	595
LxWxH	mm	986x350x968	986x350x968	960x420x995	960x500x995	960x500x995	960x500x995
<b>Engine</b>							
Model		Honda GX100	Honda GX100	Honda GX160			Hatz 1B20
Rated power	kW	2,2	2,2	4,1	4,1	4,1	2,5
Part number		-	3382 0005 54 <sup>1)</sup>	3382 0000 23 <sup>1)</sup>	3382 0000 21 <sup>1)</sup>	3382 0000 27 <sup>1)</sup>	3382 0000 29 <sup>1)</sup>
Part number without water tank		3382 0003 72	-	3382 0000 22	3382 0000 24	-	3382 0000 30

<sup>1)</sup>With transport wheels



## ROUND PLATE COMPACTOR

### Applications:

- Asphalt
- Sand
- Gravel Silt

### Advantages:

- Extremely easy to turn and change direction in confined areas

### Features:

- A unique round base that allows flush compaction next to posts, pillars, guardrails, drainage inlets etc.

Forward and reversible plate compactors		LX90
Fuel		Petrol
Starter type		Manual start
Operating weight	kg	96
Frequency	Hz	75
Amplitude	mm	1,7
Centrifugal force	kN	16
Speed	m/min	22
H/A vibrations, standard handle	m/s <sup>2</sup>	6,1
Sound power, guaranteed	dB(A)	104
Sound pressure at operators ear	dB(A)	92
<b>Dimensions</b>		
Plate width	mm	450
Plate length	mm	920
LxWxH	mm	
<b>Engine</b>		
Model		Honda GX160
Rated power	kW	4,0
Part number		3382 0000 53





## FORWARD AND REVERSIBLE PLATE COMPACTORS



### Applications:

- Compacting medium to deep layers of granular soils
- Confined areas, such as trenches, parking lots and foundations, etc
- Block paving

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### Advantages:

- High compaction efficiency
- Ergonomic and easy to operate
- Durable
- Long service life
- Time saving

### Features:

- Hydraulic forward/reverse lever
- Hardox 400 steel in bottom plate
- Compaction indicator for LG400 & LG504 (optional)

- Reduced hand/arm vibrations due to design of vibration damping handle
  - Engines with low fuel consumption and emissions
  - Heavy-duty protection frame and impact resistant steel covers protect engine and transmission
  - Straps to secure the joints between bottom plate and engine plate
- ### Options:
- Compaction indicator (LG400 & LG504)
  - Extension plates
  - Block paving kits (LG 160-300 and LG504)
  - Hour meter (LG504 and LH700)
  - Crank start kit (LG504)
  - Transport wheels (LG160-300)

NEW Q2 2016

Forward and reversible plate compactors		LG160		LG160		LG204		
Fuel		Petrol	Petrol	Diesel	Diesel	Petrol	Diesel	Diesel
Starter type		Manual start	Manual start	Manual start	Manual start	Manual start	Manual start	Electric start
Operating weight	kg	155	161	169	175	211	228	244
Frequency	Hz	80	80	80	80	65	65	65
Amplitude	mm	1,4	1,4	1,4	1,4	1,9	1,9	1,9
Centrifugal force	kN	28	28	28	28	36	36	36
Speed	m/min	22	22	22	22	23	22	22
H/A vibrations, standard handle	m/s <sup>2</sup>	1,5	1,5	2,4	2,4	3,5	3,4	3,4
Sound power, guaranteed	dB(A)	108	108	108	108	106	108	108
Sound pressure at operators ear	dB(A)	92	92	92	92	90	90	90
<b>Dimensions</b>								
Plate width	mm	330	450	330	450	500	500	500
Plate length	mm	654	654	654	654	703	703	703
LxWxH	mm	1143x330x1088	1143x450x1088	1143x330x1080	1143x450x1115	1334x500x1126	1334x500x1126	1334x500x1126
<b>Engine</b>								
Model		Honda GX160	Honda GX160	Hatz 1B20	Hatz 1B20	Honda GX200	Hatz 1B20	Hatz 1B20
Rated power	kW	4,1	4,1	2,8	2,8	4,1	3,1	3,1
Part number		3382 0000 15	3382 0000 14	3382 0000 13	3382 0000 12	3382 0005 80	3382 0005 79	3382 0005 78

Forward and reversible plate compactors		LG300			LG300		
		Petrol	Petrol	Diesel	Diesel	Diesel	Diesel
Fuel							
Starter type		Manual start	Manual start	Manual start	Manual start	Electric start	Electric start
Operating weight	kg	265	270	282	287	302	307
Frequency	Hz	68	68	68	68	68	68
Amplitude	mm	1,7	1,7	1,7	1,7	1,7	1,7
Centrifugal force	kN	40	40	40	40	40	40
Speed	m/min	25	25	25	25	25	25
H/A vibrations, standard handle	m/s <sup>2</sup>	2,4	2,4	1,7	1,7	1,7	1,7
Sound power, guaranteed	dB(A)	108	108	108	108	108	108
Sound pressure at operators ear	dB(A)	92	92	95	95	95	95
<b>Dimensions</b>							
Plate width	mm	500	600	500	600	500	600
Plate length	mm	768	768	768	768	768	768
LxWxH	mm	1385x500x1120	1385x600x1120	1385x500x1120	1385x600x1120	1385x500x1120	1385x600x1120
<b>Engine</b>							
Model		Honda GX270	Honda GX270	Hatz 1B30	Hatz 1B30	Hatz 1B30	Hatz 1B30
Rated power	kW	5,8	5,8	4,2	4,2	4,2	4,2
Part number		3382 0000 39	3382 0000 41	3382 0000 37	3382 0000 40	3382 0000 38	3382 0000 36
Part nr with Compaction Indicator							

Forward and reversible plate compactors		LG400			LG504			
		Petrol	Diesel		Diesel		Diesel	
Fuel								
Starter type		Manual start	Electric start		Manual start		Electric start	
Operating weight	kg	398	436	449.5	469.5	489.5	469.5	489.5
Frequency	Hz	60	60	69	69	69	69	69
Amplitude	mm	1,8	1,8	2,4	2,4	2,4	2,4	2,4
Centrifugal force	kN	52	52	65	65	65	65	65
Speed	m/min	25	25	30	30	30	30	30
H/A vibrations, standard handle	m/s <sup>2</sup>	2,5	2,1	2,5	2,5	2,5	2,5	2,5
Sound power, guaranteed	dB(A)	108	108	109	109	109	109	109
Sound pressure at operators ear	dB(A)	95	93	96	96	96	96	96
<b>Dimensions</b>								
Plate width	mm	650	650	550	550(+2x75)	550(+2x150)	550	550(+2x75)
Plate length	mm	967	967	900	900	900	900	900
LxWxH	mm	1960x650x1150	1960x650x1150	1670x550x1190	1670x700x1190	1670x850x1190	1670x550x1190	1670x700x1190
<b>Engine</b>								
Model		Honda GX390	Lombardini 15 LD440		Hatz 1D81Z		Hatz 1D81Z	
Rated power	kW	7,7	6,2	8.1	8.1	8.1	8.1	8.1
Part number		3382 0000 11	3382 0000 09	3382 0005 72	3382 0005 73	3382 0005 76	3382 0005 50	3382 0005 51
Part nr with Compaction Indicator								
		-	3382 0000 06	-	-	-	3382 0003 49	3382 0003 50

Forward and reversible plate compactors		LH700	LH804
Fuel		Diesel	Diesel
Starter type		Electric start	Electric start
Operating weight	kg	780	820
Frequency	Hz	53	53
Amplitude	mm	2,5	2,5
Centrifugal force	kN	95	95
Speed	m/min	30	up to 30
H/A vibrations, standard handle	m/s <sup>2</sup>	3,3	-
Sound power, guaranteed	dB(A)	109	109
Sound pressure at operators ear	dB(A)	95	-
<b>Dimensions</b>			
Plate width	mm	660	660
Plate length	mm	1050	1050
LxWxH	mm	1880x660x1180	1150x660x795
<b>Engine</b>			
Model		Hatz 1D90V	Hatz 1D90V
Rated power	kW	11,0	11,0
Part number		3382 0000 71	3382 0001 51



[www.youtube.com/atlascoconstruct](https://www.youtube.com/atlascoconstruct)



## DOUBLE DRUM ROLLER

### Applications:

- Compacting thin layers of granular soils, wet sand and asphalt
- Jobs in confined areas, parking lots, repair works etc



### Advantages:

- High efficiency
- Reliable
- Long life
- Easy to operate

### Features:

- Fully hydraulic propulsion and vibration
- Large, removable water tank

- Hydraulic-oil cooler for increased lifetime of vital components
- Heavy-duty protection frame and single lifting point for easy transportation
- Minimum overhang on both sides and high curb clearance
- Powerful engine for reliable operations



NEW Q2 2016

Duplex roller		LP6505		LP7505	
Fuel		Diesel	Diesel	Diesel	Diesel
Starter type		Manual start	Electric start	Manual start	Electric start
Operating weight	kg	745	765	981	1001
Frequency	Hz	58	58	57	57
Amplitude	mm	0,52	0,52	0,54	0,54
Centrifugal force	kN	21,8	21,8	27,3	27,3
Speed, forward/reverse	km/h	0-3,6	0-3,6	0-3,6	0-3,6
H/A vibrations, standard handle	m/s <sup>2</sup>	4,1	4,1	2,6	2,6
Sound power, guaranteed	dB(A)	107	107	107	107
Sound pressure at operators ear	dB(A)	88	88	88	88
<b>Dimensions</b>					
Drum diameter	mm	400	400	400	400
Drum width	mm	650	650	750	750
LxWxH	mm	1110/2500x720x1215	1110/2500x720x1215	1110/2500x820x1260	1110/2500x820x1260
<b>Engine</b>					
Model		Hatz 1D42S	Hatz 1D42S	Hatz 1D50S	Hatz 1D50S
Rated power	kW	7,2	7,2	7,9	7,9
Part number		3382 0002 22	3382 0002 20	3382 0002 44	3382 0002 45



## TRENCH COMPACTOR



With its superior traction the LP8504 makes work on cohesive and granular soils easy, even if the work site is confined or packed with obstacles. The trench compactor is suitable for backfills, foundations, parking lots and similar applications.

### Applications:

- Compacting medium to deep layers of cohesive and granular soils
- Jobs in confined areas such as trenches, construction back-fills and roads

### Advantages:

- Radio remote controlled
- Reliable and robust
- Easy and safe for the operator
- Excellent traction

### Features:

- Bluetooth remote control
- Hydraulic-oil cooler
- Efficient drum pad design
- No overhang



[www.youtube.com/atlascopeconstruct](https://www.youtube.com/atlascopeconstruct)

Trench compactor		LP8504	
Fuel		Diesel	Diesel
Starter type		electric	electric
Operating weight	kg	1573	1675
Frequency	Hz	32	32
Amplitude	mm	1,1	1,1
Centrifugal force	kN	48	48
Speed, working/transport	m/min	21/39	21/39
H/A vibrations, standard handle	m/s <sup>2</sup>	-	-
Sound power, guaranteed	dB(A)	106	106
Sound pressure at operators ear	dB(A)	-	-
<b>Dimensions</b>			
Drum diameter	mm	535	535
Drum width	mm	630	850
LxWxH	mm	1930x630x1277	1930x850x1277
<b>Engine</b>			
Model		Hatz 2G40	Hatz 2G40
Rated power	kW	12,5	12,5
Part number		3382 0000 81	3382 0000 80



## COMPACTION CAPACITY ON ASPHALT

Machine	Width mm	Speed m/min	Surface capacity m <sup>2</sup> /h	
			Passes	
			2	4
LF60LA	350	26	191	95
LF75	420	27	240	120
LF75	500	24	252	126
LF80	420	34	300	150
LF100	500	25	262	131

Efficiency factor 0,7.

Machine	Width mm	Speed m/min	Surface capacity m <sup>2</sup> /h		
			Passes		
			2	4	6
LP6505	650	50	375	250	200
LP7505	750	60	475	325	240

## COMPACTION CAPACITY ON SOIL

Machine	Width mm	Passes	Speed m/min	Rockfill		Gravel/Sand		Silt		Clay		Subbase		Base	
				m <sup>1)</sup>	m <sup>2</sup> /h	m <sup>1)</sup>	m <sup>2</sup> /h	m <sup>1)</sup>	m <sup>2</sup> /h	m <sup>1)</sup>	m <sup>2</sup> /h	m <sup>1)</sup>	m <sup>2</sup> /h	m <sup>1)</sup>	m <sup>2</sup> /h
LF50	320	4	25	-	-	0,2	24	0,1	12	-	-	0,1	12	0,1	12
LF60LA	350	4	26	-	-	0,2	27	0,1	14	-	-	0,1	14	0,1	14
LF75	420	4	27	-	-	0,2	34	0,1	17	-	-	0,15	25	0,1	17
LF75	500	4	24	-	-	0,2	36	0,1	18	-	-	0,1	18	0,1	18
LF80	420	4	34	-	-	0,2	43	0,1	21	-	-	0,15	32	0,1	21
LF100	500	4	25	-	-	0,2	37	0,1	19	-	-	0,15	28	0,1	19
LF130	500	4	22	-	-	0,25	41	0,15	25	-	-	0,15	25	0,15	25
LX90	450	4	20	-	-	0,25	35	0,15	20	-	-	0,2	25	0,15	20
LG160	450	4	22	-	-	0,3	45	0,2	30	-	-	0,2	30	0,2	30
LG204	500	4	22	-	-	0,3	50	0,2	35	-	-	0,2	35	0,2	35
LG300	500	4	22	-	-	0,35	60	0,2	35	-	-	0,25	40	0,2	35
LG400	650	4	25	0,6	146	0,4	98	0,25	60	-	-	0,3	73	0,25	60
LG504	750	4	22	0,6	150	0,4	100	0,3	75	-	-	0,3	75	0,25	60
LH700	660	4	30	0,8	240	0,45	130	0,3	90	-	-	0,35	100	0,3	90
LH804	660	4	25	0,8	200	0,45	110	0,3	75	-	-	0,35	85	0,3	75
LT5005	230	4	15	-	-	0,4	20	0,3	15	0,2	10	0,35	20	0,3	15
LT6005	280	4	15	-	-	0,4	25	0,3	20	0,2	15	0,35	20	0,3	20
LT8005	280	4	15	-	-	0,4	25	0,3	20	0,2	15	0,35	20	0,3	20
LP6505	650	8	50	-	-	0,15	35	-	-	-	-	0,2	50	0,15	35
LP7505	750	8	60	-	-	0,2	70	-	-	-	-	0,2	70	0,2	70
LP8504	850	8	40	-	-	0,4	100	0,3	75	0,1	25	0,3	75	0,25	65

<sup>1)</sup> Max recommended layer thickness

Efficiency factor 1,0. Multiply the capacity above with your efficiency factor, within 0-1,0.

# CONCRETE EQUIPMENT

Atlas Copco





### **A complete offer for masonry construction**

When erecting a building or preparing a precast element, the first things you have to prepare is the reinforcement. Even before assembling the formwork, the rebars arrive directly on site, pre-bended and cut to maximize the daily production. But still you need to tie them together and adapt them to the site requirements. We offer safety and fast tools for this.

### **Good vibrations at your service**

We offer efficient and reliable high quality pokers with long service life. The high speed, rapid acceleration and high amplitude of our pokers will help you increase productivity.

### **The easy way to a level surface**

Our screed range features reliable equipment for surface leveling and vibration – from single beam screeds with working widths of two meters to modular screeds that can cover 25-meter bridges or runways. User-friendly designs and smart solutions that protect vital parts make for appreciated long life products.

### **Efficiency on all jobs**

The range of our trowels covers all kind of jobs from large industrial floors to small confined spaces. Ergonomic solutions and good safety features are included in the offer. To make the deal even better all products are highly reliable.

### **Cut out risks**

Cutting the slab eliminates tensions in the concrete and removes the risk of cracks. Your result is better quality.





# REBAR TIER

## Applications:

- Tying rebars together up to 39mm
- Prepare the concrete reinforcement on site of application like:
  - retaining walls
  - foundations
  - Precast elements

## Features:

- It is 5 x faster than manual tying
- Low profile tie but still allowing grip with concrete = No need for any additional manual action
- Tight knot using normal 1,5mm 16 Ga wire
- Battery powered



[www.youtube.com/atlascopcoconstruct](http://www.youtube.com/atlascopcoconstruct)

NEW Q3 2016

Rebar Tier	KNUT 39
Handling	One hand operation
Tie height	< 5 mm
Cycle time	< 1.5 s
Rebar size (min.)	# 10 x # 10
Rebar size (max.)	# 16 x # 19
Ties/Coil	> 210 ties/coil of min. Rebar size
Wire Type	1.5 mm 16 ga
Ties/Charge	> 2,000
Battery type	Li-Ion
Battery voltage	> = DC18V

## REBAR BENDER

### Applications:

- Cut and bend rebars

### Features:

- Powerful tool with low consumption
- Hydraulic mechanism driven by electric motor
- Safe: relief valve allows to stop the cut or bending



KvikBend 22E

Rebar Bender With Interchangeable Head		KvikCut 16B
Maximum cutting size and characteristics of material	mm; daN/mm <sup>2</sup>	Ø 22 / R = 65
Maximum output force from rod	t	24
Maximum operating pressure	bar	580
Dimensions L x W x H	mm	402x145x236
Weight	kg	13.3
Guaranteed no-load LwA sound level (CEI EN 60745-1 and CEI EN 60745-2-8)	dB	101
No-load operator Lpa (CEI EN 60745-1 and CEI EN 60745-2-8)	dB	90
Vibrations when cutting diam. 22 mm rod (CEI EN 60745-1 and EN ISO 5349)	m/s <sup>2</sup>	2.12
Input voltage	V	230
Frequency	Hz	50
Electrical power	W	1,400
Input current	A	6.8
Insulation class		II
RPM		14,000

NEW Q3 2016

## REBAR CUTTER

### Applications:

- Cut rebars

### Features:

- Powerful tool with low consumption
- Hydraulic mechanism driven by electric motor
- Battery powered cutter (up to 16 mm rebars)
- Safe: relief valve allows to stop the cut



KvikCut 16B

Battery driven Rebar Cutter		KvikBend 22E
Maximum cutting size and characteristics of material	mm; daN/mm <sup>2</sup>	16 / R = 65
Maximum output force from rod	t	14
Maximum operating pressure	bar	560
Dimensions L x W x H	mm	486 x 185 x 356
Weight	kg	9.2
Guaranteed no-load LwA sound level (CEI EN 60745-1 and CEI EN 60745-2-8)	dB	93
No-load operator Lpa (CEI EN 60745-1 and CEI EN 60745-2-8)	dB	82
Vibrations when cutting diam. 22 mm rod (CEI EN 60745-1 and EN ISO 5349)	m/s <sup>2</sup>	4.45
DRIVE SPECIFICATIONS		
Input voltage	V	18
Current type		Direct
Rated input current	A	22
Insulation class		III
Electrical power	W	450
CHARACTERISTICS OF BATTERY		
Nominal voltage	V	18
Charge capacity	Ah	5.0
Materials used for elements		Li-Ion
Dimensions H x L	mm	65 x 110
Weight	kg	0.62

NEW Q3 2016

## FORMWORK RAILS

The Combiform screed rail is a leave-in-place rail and stopper made out of metal with a removable plastic strip on top for the screed to slide on.

Screed rail is an easy way to level concrete floor with less filling work.

### Features:

- Different length of screeds
- Plastic adjustment screws
- Lightweight



### Track rail system for BT90 and BD double beams

Model	Adjustable Rail Support	Tripod 270 mm	Support Tube, Dia 35 mm, in 6 m length	Track Rail 100x50x3 mm, L= 6 m
Type	F 2	FR 270*	TB 35*	Rail
Part number	4700 0443 66	4700 0325 10	4700 0007 22	4700 0006 56

<sup>1)</sup> Use with F2

### CombiForm <sup>1)</sup>

Type	C 25	C 45	C 65	C 85	C 105	C 125	C 145
Height <i>m</i>	3,5	3,5	3,5	3,5	3,5	3,5	3,5
H-1 <i>mm</i>	25	45	65	85	105	125	145
H-2 <i>mm</i>	-	30	28	31	32	32	32
H-3 <i>mm</i>	-	-	47	49	53	64	75
Length <i>mm</i>	-	-	-	67	88	109	127
Width <i>mm</i>	80	90	105	115	130	135	160
Weight <i>kg/m</i>	0,80	0,85	1,10	1,25	1,4	1,90	2,20
Part number	4812 0552 32	4812 0552 33	4812 0552 34	4812 0552 35	4812 0552 36	4812 0552 37	4812 0552 38

<sup>1)</sup> From C25 to C125 = 10 pieces of combiform per box (30m) + 40 locking clips P/N 4700002809 included in the box  
For C145 = 8 pieces of combiform per box (24m) + 32 x locking clips P/N 4700002809 included in the box

	Elevating strip	Ground plate	Screw <sup>1)</sup>	Screw <sup>1)</sup>	Screw <sup>1)</sup>	Adjustment tool	Adjustment tool	Levelling stick	Adj. tool Drill adaptor
Type			25 mm	60 mm	90 mm	440 mm	1300 mm		
LxHxW <i>mm</i>	3,5x30x8								
Part number	4700 0022 08	4700 0020 01	4700 0022 06	4700 0020 00	4700 0022 07	4700 0020 28	4700 0020 27	4700 0020 29	3382 0106 42

### Locking Clip

Type	C-45	C-65	C-85	C-105	C-125	C-145
part number	4700 0028 09	4700 0028 10	4700 0028 11	4700 0028 12	4700 0028 13	4700 0028 14

<sup>1)</sup> BOX of 100 pc

## ELECTRONIC POKERS

### Applications:

- Concrete vibration
- Low to high slump concrete
- Floors, slabs, pillars, columns, walls



### Advantages:

- With built-in frequency converter
- Wide radius of action
- Outstanding performance, high power and stable speed
- Just plug in and start work
- Radius of action = 12 x diameter

### Features:

- Protected against shock, overload and overheating
- Vibration reduction
- With three functions push button
- Oil lubrication

### Options:

- Elastomer end-cap



### Electronic Pokers

SMART		SMART40	SMART48	SMART56	SMART65
Tube diameter	mm	40	48	56	65
Tube length	mm	320	350	380	410
Hose length	m	5	5	5	5
Vibration value	m/s <sup>2</sup>	3,8	2,5	5,9	4,6
Noise level	dB(A)	75	80	83	88
Part number					
230V-1-50/60 Hz		4812 0508 52	4812 0508 53	4812 0508 54	4812 0508 55
110V-1-50/60 Hz UK		4812 0508 56	4812 0508 57	4812 0508 58	-
110V-1-50/60 Hz USA/Can		4812 0508 59	4812 0508 60	4812 0508 61	-

#### All SMART pokers

Cable length	m	15
Frequency	vpm	12000
Primary voltage (V)±10%	V/Hz	230-1-50/60 or 110-1-50/60
Converter dimensions	LxWxH	300x100x80

### Electronic Pokers

#### Devibrated handle

SMART-E		SMART E28	SMART E40	SMART E48	SMART E56
Tube diameter	mm	28/40	40	48	56
Tube length	mm	239/211	320	350	380
Hose length	m	0,5	0,5	0,5	0,5
Vibration value	m/s <sup>2</sup>	0,6	0,6	0,5	0,5
Noise level	dB(A)	85	75	80	83
Part number					
230V-1-50/60 Hz		4812 0508 62	4812 0508 63	4812 0508 64	4812 0508 65

#### All SMART-E pokers

Cable length	m	15
Frequency	vpm	12000
Primary voltage (V)±10%	V/Hz	230-1-50/60 or 110-1-50/60
Converter dimensions	LxWxH	300x100x80



## ELECTRIC POKERS

### Applications:

- Concrete vibration
- Low to high slump concrete
- Floors, slabs, pillars, columns, walls

### Advantages:

- Several diameters from Ø28mm up to 90mm
- Several pokers can be used on one frequency converter
- Coverage of 15m (10m of cable and 5m of hose)
- Radius of action = 10 x diameter

### Features:

- Low voltage 42V-3-200Hz
- Protected against overheating
- Vibration reduced pistol grip handles
- Oil lubrication

### Options:

- Longer hose
- Elastomer end-cap

### Accessories:

- Extension cords see P/N page 52



### Electric Poker Vibrators

AX Pokers		AX36	AX40	AX48
Tube diameter	mm	38	40	48
Tube length	mm	322	320	350
Tube weight	kg	2,2	2,3	4,2
Cable length	m	10	10	10
Voltage	V/Hz	42-3-200	42-3-200	42-3-200
Frequency	vpm	12000	12000	12000
Ampere at 42V	A	6,2	4,5	10
Vibration value	m/s <sup>2</sup>	3,8	3,8	3,5
Noise level	dB(A)	70	78	76
Part number		4812 0508 27	4812 0508 28	4812 0508 29

AX Pokers		AX56	AX65	AX90
Tube diameter	mm	56	65	90
Tube length	mm	380	410	566
Tube weight	kg	5,2	7,9	18
Cable length	m	10	10	15
Voltage	V/Hz	42-3-200	42-3-200	42-3-200
Frequency	vpm	12000	12000	6000
Ampere at 42V	A	11,7	19	21
Vibration value	m/s <sup>2</sup>	3,7	4,6	5,0
Noise level	dB(A)	79	79	76
Part number		4812 0508 30	4812 0508 31	4812 0508 79



### Electric Poker Vibrators

Devibrated handle

AX-E Pokers		AX28E	AX40E	AX48E	AX56E
Tube diameter	mm	28/40	40	48	56
Tube length	mm	239/211	320	350	380
Tube weight	kg	2,4	2,1	4,1	5,1
Frequency	vpm	12000	12000	12000	12000
Ampere at 42V	A	4	4,5	10	11,5
Vibration value	m/s <sup>2</sup>	0,6	0,6	0,5	0,5
Noise level	dB(A)	85	75	80	83
Part number		4812 0508 44	4812 0508 40	4812 0508 41	4812 0508 42

## VIBRASTAR POKERS

### Applications:

- Concrete vibration
- Medium to high slump concrete
- Floors, slabs, pillars, columns, walls



### Advantages:

- 40 to 60mm diameter
- Several pokers can be used on one frequency converter
- Coverage of 15m (10m of cable and 5m of hose)
- Radius of action = 8 x diameter

### Features:

- Low voltage 42V-3-200Hz
- Protected against overheating
- Low power consumption
- Oil lubrication

### Accessories:

- Extension cords see P/N page 52

## Electric Poker Vibrators

Vibrastar Pokers		Vibrastar 40	Vibrastar 50	Vibrastar 60
Tube diameter	mm	40	50	60
Tube length	mm	255	284	330
Tube weight	kg	1,84	3,06	5,1
Frequency	vpm	12000	12000	12000
Ampere at 42V	A	4	8	11
Vibration value	m/s <sup>2</sup>	1,8	3,28	3,23
Noise level	dB(A)	75	76	84
Part number		4812 0508 49	4812 0508 50	4812 0508 51

## FREQUENCY CONVERTERS

### Applications:

- For the AX & Vibrastar pokers or external vibrators



### Advantages:

- Several pokers/vibrators can be used on one frequency converter
- Solid frame protection
- Multiple outlet converters available

### Accessories:

- Wheel kit for CF25
- Extension cords see P/N page 52

### Features:

- Stable power output
- Thermo protection,
- Fixed output frequency (CF)
- Side panels to protect the converter (CF)

Frequency Converters		CF11	CF25	CF67
Power	kVA	0,8	1,8	4,7
Output intensity av 42 V	A	11	25	67
Number of phases (primary voltage)		1	1/3	3
Number of outlets		1	2	4
Weight	kg	18	31	70
Protection index		IP55	IP55	IP55
Noise level	dB(A)	76	80	85
Part number				
230V-1-50 Hz		4812 0503 95	4812 0503 94	-
400V-3-50 Hz		-	4812 0503 93	4812 0510 51
440V-3-50 Hz		-	4812 0504 74	4812 0510 52
380V-3-60 Hz		-	4812 0510 80	4812 0510 78
400V-3-50 Hz CI4P		-	-	4812 0510 53*
440V-3-50 Hz CI4P		-	-	4812 0510 54*
380V-3-60 Hz CI4P		-	-	4812 0510 79*

\* only for external vibrators

## GENERATORS

### Applications:

- For the AX & Vibrastar pokers or external vibrators

### Advantages

- Several pokers/vibrators can be used on one generator
- Solid frame protection
- Multiple outlet converters available

### Features:

- Stable power output
- Kill switch & voltmeter on dedicated box
- Available in diesel & gasoline versions
- Fixed output frequency
- Side panels to protect the generator
- Manual start



### Accessories:

- Wheel kit (CFG25, CFD33)
- Extension cords see P/N page 52



Generators	CFG 25	CFD 33	CFG 67	CFD 67
Engine type	Honda GX 160 4-stroke, Manual start	Lombardini 15 LD 225 4-stroke, Manual start	Honda GX 270 4-stroke, Manual start	Lombardini 15 LD 350 4-stroke, Manual start
Fuel	Petrol	Diesel	Petrol	Diesel
Fuel tank	3,1	3	5,3	4,3
Max power at 3,600 rpm	4,8	4,8	8,4	7,5
Rated speed	3000	3000	3000	3000
Output rated power	1,8	2,4	4,7	4,6
Number of outlets	2	3	4	4
Rated amperage	25	33	67	65
Rated output voltage	42V-3-200 Hz	42V-3-200 Hz	42V-3-200 Hz	42V-3-200 Hz
Weights	45	68	85	95
Noise level (Lw)	94	105	97	108
Wheels	Optional	Optional	Yes	Yes
Voltmeter	Yes	Yes	Yes	Yes
Part number	4812 0514 70	4812 0514 71	4812 0514 72	4812 0514 73
Wheel kit	4812 0514 67	4812 0514 68	-	-

## AME600 POKERS



### Applications:

- Concrete vibration
- Small application
- Floors, slabs, columns, pillars

### Advantages:

- Light weight
- Low hand-arm vibration (1.72m/s<sup>2</sup>)
- Long cable

### Features:

- 3 diameters with 3 hose lengths
- Low consumption
- Radius of action = 8 x Ø
- Easy access to carbon brushes (with auto cut-off)
- Dust foam filter

AME600 Poker heads (High Frequency)	HA 25/1	HA 25/2	HA 25/3
Tube diameter	mm	25	
Tube length	mm	295	
Flexible shaft	m	1	2
Total weight	kg	2,8	4,0
Frequency	vpm	12000	
Vibration value	m/s <sup>2</sup>	1,7	
Part number	4812 0512 50	4812 0512 51	4812 0512 52

	HA 35/1	HA 35/2	HA 35/3	HA 45/1	HA 45/2
Tube diameter	mm	35		45	
Tube length	mm	330		375	
Flexible shaft	m	1	2	3	2
Total weight	kg	4,4	6	7,6	7,5
Frequency	vpm	12000			
Vibration value	m/s <sup>2</sup>	1,7			
Part number	4812 0512 53	4812 0512 54	4812 0512 55	4812 0512 56	4812 0512 57

AME600 DRIVE UNITS double insulated, splash tight		
Voltage	V-Hz	230V-1-50/60 Hz
Power	Kw	0,6
Rated consumption	A	2,7
Frequency	rpm	3000
Weight	Kg	1,9
Vibration value	m/s <sup>2</sup>	1,72
Noise level	LpA (dB)	82
	LwA (dB)	93
Part number	4812 0508 72	

## AME1600 POKERS



### Applications:

- Concrete vibration
- Medium size applications
- Floors, slabs, columns, pillars

### Advantages:

- Light weight
- 5m long cable
- Low hand-arm vibration: 2.8 m/s<sup>2</sup>

### Features:

- 1600 W
- 20 possible configurations (5 shafts, 4 heads)
- Low consumption
- Radius of action = 10 x Ø
- Rubber protection
- Easy access to carbon brushes (with auto cut-off)

AT Pokers	AT29	AT39	AT49	AT59
Tube diameter	mm	29	39	49
Tube length	mm	332	315	311
Tube weight	kg	1,3	2,1	2,7
Frequency	vpm	12000	12000	12000
Vibration value	m/s <sup>2</sup>	12,1	8,9	9,8
Noise level	dB(A)	75	75	84
Part number	4812 0508 05	4812 0508 06	4812 0508 07	4812 0508 08

NEW 2016

Drive unit AME1600		
Energy	Electric	
Input	kW	1,6
Speed	rpm	12000
Weight	kg	6,1
Vibration value	m/s <sup>2</sup>	2,84
Noise level	dB(A)	76
Part number		
110V-1-50/60 Hz CSA	4812 0520 46	
110V-1-50/60 Hz UK	4812 0520 44	
230V-1-50/60 Hz	4812 0520 43	

Flexible shafts	Superflex 10	Superflex 15	Superflex 20	Superflex 30	Superflex 40
Length	m	1,0	1,5	2,0	3,0
Part number	4812 0508 13	4812 0508 14	4812 0508 15	4812 0508 16	4812 0508 17



## MECHANICAL POKERS



### Applications:

- Concrete vibration
- Medium size applications
- Floors, slabs, columns, pillars

### Advantages:

- Two different performances
- Easy to service
- Operator friendly

### Features:

- 6 m hose on AA pokers (5 diameters)
- 5 m hose on AZ pokers (4 diameters)
- Conical raceway for vibration sustainability

AA Pokers	AA27	AA37	AA47	AA67	AA77
Tube diameter <i>mm</i>	25	39	49	63	75
Tube length <i>mm</i>	335	366	420	500	510
Tube weight <i>kg</i>	0,9	2,1	4,0	6,8	9,0
Frequency <i>vpm</i>	12000	12000	11200	10500	9200
Vibration value <i>m/s<sup>2</sup></i>	2,5	1,6	3,5	2,7	3,2
Noise level <i>dB(A)</i>	69	68	73	75,8	75,7
Part number	4812 0508 00	4812 0508 01	4812 0508 02	4812 0508 03	4812 0508 04

AZ Pokers	AZ26	AZ36	AZ46	AZ56
Tube diameter <i>mm</i>	25	35	45	55
Tube length <i>mm</i>	295	330	375	390
Tube weight <i>kg</i>	0,5	1,8	1,9	2,0
Frequency <i>vpm</i>	12000	12000	12000	11300
Vibration value <i>m/s<sup>2</sup></i>	2,0	5,2	2,42	8,2
Noise level <i>dB(A)</i>	77,50	82,00	87,4	90,00
Part number	4812 0508 09	4812 0508 10	4812 0508 11	4812 0508 12
Australian coupling	-	4812 0511 66	4812 0511 67	4812 0511 68

## DRIVE UNITS



### Applications:

- Concrete vibration
- Suitable for AA or AZ pokers

### Advantages:

- Diesel and gasoline models
- Easy to service
- Efficient

### Features:

- Solid frame protection with side covers
- Low oil alert on gasoline model
- Engines mounted on rubber element

Drive units	AMD3000 Lombardini	AMG3200 Honda
Energy	Diesel	Petrol
Power <i>kW</i>	3,0	3,2
Speed <i>rpm</i>	2900	2900
Weight <i>kg</i>	46	30
Noise level <i>dB(A)</i>	79	75,7
Part number	4812 0508 75	4812 0508 76
Australian coupling	-	4812 0511 75

## PNEUMATIC POKERS



### Applications:

- Concrete vibration
- Low to high slump concrete
- Floors, slabs, pillars, columns, walls

### Advantages:

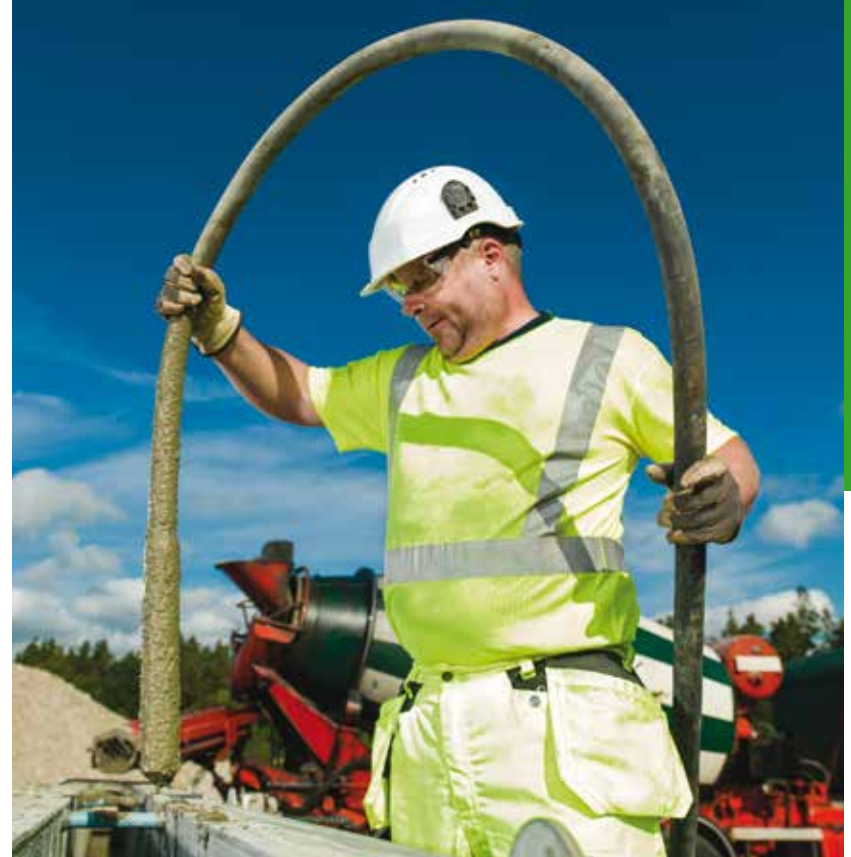
- Several pokers can be run by one air compressor
- Available in different lengths
- From Ø25mm up to 155 mm

### Features:

- Low air consumption
- Diameter from 25 up to 155 mm
- Ball stop handle
- Air filter on ball stop
- Hose available in 2, 4 & 6 m up Ø77 mm

### Accessories:

- Atlas Copco hose
- Atlas Copco lubricator



AY Pokers		AY27	AY37	AY47	AY57	AY67	AY77	AY87	AY107	AY157
Tube diameter	mm	26	36	47	56	67	77	87	108	155
Tube length	mm	254	267	316	344	365	398	410	415	430
Tube weight	kg	0,7	1,5	2,8	4,5	7,9	8,9	9,7	17,7	28
Frequency	vpm	12000	12000	12000	12000	12000	12000	12000	12000	12000
Hose length	m	-	-	-	-	-	-	1,5	1,5	0,8
Air consumption	m <sup>3</sup> /min	0,36	0,46	0,7	1	1	1,3	1,6	1,9	2,7
Vibration value	m/s <sup>2</sup>	0,5	1,0	2,4	2,1	2,1	2,4	1,9	2,9	12,3
Noise level	dB(A)	84,5	89,2	95,8	95,0	94,0	98,0	94,0	96,3	92,4
Part number										
Hose length	2 m	4812 0508 18	4812 0508 19	4812 0508 20	4812 0508 21	4812 0508 22	4812 0508 23	4812 0508 24	4812 0508 25	4812 0508 26
Hose length	4 m	4812 0508 81	4812 0508 83	4812 0508 85	4812 0508 87	4812 0508 89	4812 0508 91	-	-	-
Hose length	6 m	4812 0508 82	4812 0508 84	4812 0508 86	4812 0508 88	4812 0508 90	4812 0508 92	-	-	-

## EXTERNAL VIBRATORS

### Applications:

- Concrete vibration
- Low to high slump concrete
- Pillars, columns, walls, precast, bridge deck

### Advantages

- Different centrifugal forces
- Different speed (3000 & 6000rpm)
- Different bracket available
- Available in pneumatic or electrical version

### Features:

- High quality casted bodies
- High performances

### Accessories:

- AC hose & lubricator (pneumatic)
- Extension cord (electric)
- Brackets for quick release for different models



### Electric External Vibrators

High speed 6000 rpm

ER		ER207B	ER407B	ER507B
Max centrifugal force	<i>N</i>	7400	11000	16000
Voltage	<i>Hz</i>	42V-3-200	42V-3-200	42V-3-200
Intensity	<i>A</i>	12,5	16,5	23,5
Weight	<i>kg</i>	10,5	15,5	23,2
Bracket attachment		VT2	VT4	VT4
Noise level	<i>dB(A)</i>	69	84,5	85
Part number				
42V-3-200 Hz		4812 0509 80	4812 0509 81	4812 0509 82
Bracket		4700 1025 69	4700 1019 70	4700 1019 70

### Extension cords

For ER (6000 rpm) and Pokers (AX/VibraStar)

Length	5 m	10 m	15 m	20 m
Part number	4700 1814 13	4700 1814 14	4700 1814 15	4700 1814 16

### Electric External Vibrators

Normal speed 3000 rpm

ER		ER105	ER205	ER305	ER405
Max centrifugal force	<i>N</i>	500	1400	3000	6000
Intensity at 230/400V	<i>A</i>	0,16/0,09	0,3/0,18	0,7/0,4	1,8/1,09
Weight	<i>kg</i>	2,7	4,3	11	20
Noise level	<i>dB(A)</i>	55	56	57	57
Part number		4812 0509 10	4812 0509 20	4812 0509 30	4812 0509 40
Bracket		-	-	-	4700 1857 71
		ER505	ER605	ER705	
Max centrifugal force	<i>N</i>	7400	12000	16000	
Intensity at 230/400V	<i>A</i>	2,2/1,3	3,3/1,9	4,2/2,5	
Weight	<i>kg</i>	22	44,6	46,8	
Noise level	<i>dB(A)</i>	57	61	63	
Part number		4812 0509 50	4812 0509 60	4812 0509 70	
Bracket		4700 1857 71	-	-	

Standard Voltage 230/400V-3-50 Hz. Other voltages upon request.

### Pneumatic Vibrators

High speed

EP		EP121B	EP271B	EP371B	EP601B
Speed	<i>rpm</i>	9000	9350	9350	8800
Max centrifugal force	<i>N</i>	8100	10350	26800	31500
Air consumption	<i>l/min</i>	1200	1200	1400	1400
Weight	<i>kg</i>	9,5	10	16,5	18
Bracket attachment		VT2	VT2	VT4	VT4
Noise level	<i>dB(A)</i>	90	90,8	95	100
Part number		4812 0509 86	4812 0509 87	4812 0509 88	4812 0509 89
Bracket		4700 1025 69	4700 1025 69	4700 1019 70	4700 1019 70

## SINGLE BEAM SCREEDS

### Applications:

- Concrete vibration & leveling
- Low to high slump concrete
- Floors, slabs

### Advantages:

- Main parts made of aluminium
- Rigid screed rail
- Easy to clean

### Features:

- BV20 available with different drive units (manual, electric, petrol)
- BV30 available in gasoline
- High centrifugal force
- Vibration reducing handles

### Accessories:

- Profile for BV30 (1.8 to 4.2 m)
- Extension handle for BV20



Single beams		BV20E	BV20G	BV20H	BV20H ext. tube
Working width	<i>m</i>	2,0	2,0	2,0	-
Operating weight	<i>kg</i>	19,8	16,6	7,4	1,5
Length handle	<i>m</i>	1,8+1,8	1,8+1,8	1,8+1,8	1,8
Energy		Electric	Petrol	Manual	-
Motor		230V-1-50/60 Hz	4-stroke Honda GX25	-	-
Power	<i>kW (hp)</i>	0,27	0,7 (1,0) at 7000 rpm	-	-
Vibration frequency	<i>RPM</i>	2000 to 10000	up to 7000	-	-
Centrifugal force	<i>N</i>	2000	max 1100	-	-
Vibration value	<i>m/s<sup>2</sup></i>	-	3,2	-	-
Noise level	<i>dB(A)</i>	-	91	-	-
Part number		4812 0511 49	4812 0511 51	4812 0511 54	4700 0022 59



### BV30

Screed blade	1,8 m	2,4 m	3,0 m	3,6 m	4,2 m	
Weight	<i>kg</i>	6,5	8	9,6	11,2	12,8
Part number	D604 0329 58	D604 0329 59	D604 0329 18	D604 0329 60	D604 0329 61	
Drive unit		BV30				
Weight, drive unit	<i>kg</i>	13,5				
Vibrating unit <sup>1)</sup>		4-stroke Honda GX35				
Power	<i>kW (hp)</i>	1,2 (1,6) at 7000 rpm				
Vibration frequency	<i>RPM</i>	2000 to 7400				
Centrifugal force	<i>N</i>	max 3460				
Vibration value	<i>m/s<sup>2</sup></i>	3,25				
Noise level	<i>dB(A)</i>	108				
Part number without blade		4812 0510 05				

<sup>1)</sup>The driving unit is delivered without screed blades which needs to be ordered separately

## DOUBLE BEAM SCREEDS

### Applications:

- Concrete vibration & leveling
- Low to high slump concrete
- Floors, slabs

### Advantages:

- Main parts made of aluminium
- Rigid screed rail
- Easy to clean
- Separate vibrating unit



### Features:

- BE electric vibrator (swivel system)
- BE30 gasoline vibrating unit
- High centrifugal force
- Vibration reducing handles

### Accessories:

- Skates
- Rails
- Outrigger



Double vibrating beams		BD32	BD42	BD52	BD62	BD520	BD620	BD720	BD800
Height of profile	mm	100	100	100	100	150	150	150	150
Width between profiles	mm	300	300	300	300	300	300	300	300
Length	m	3,2	4,2	5,2	6,2	5,2	6,2	7,2	8,0
Weight	kg	32	41	47	57	62	74	86	96
Part number		4812 0508 99	4812 0509 00	4812 0509 01	4812 0509 02	4812 0509 03	4812 0509 04	4812 0509 05	4812 0509 06

Vibrating Units		BE20	BE20	BE200	BE200	BE30 GX120
Type		Electric	Electric	Electric	Electric	Petrol
Voltage/Engine Type		400V-3-50 Hz	380V-3-60 Hz	400V-3-50 Hz	380V-3-60 Hz	Honda GX 120 4-stroke
Power input	kW	0,45	0,45	0,45	0,45	2,6 (3,5 hp) (output power)
Weight	kg	37	37	37	37	35
Suitable for beam		BD32 – BD62	BD32 – BD62	BD520 – BD800	BD520 – BD800	BD32 – BD720
Noise level	dB(A)	94	94	94	94	75,7
Vibration value <sup>2)</sup>	m/s <sup>2</sup>	2,5	2,5	2,5	2,5	3
Part number		4812 0508 96	4812 0511 17	4812 0508 97	4812 0511 19	4812 0510 04

<sup>2)</sup>Vibration value measured at the rope handle which is connected via a rope to the beam.  
Vibration value at the fixed beam handle is 25m/s<sup>2</sup>

Accessories for BD beams		Outrigger	Outrigger with lifting device	Skate (complete set)	Skate (complete set)
Type		U 2	U 3	SKT	SKT
Suitable for beam		All BD beams	All BD beams	BD32 – BD62	BD520 – BD800
Weight	kg	10	21	17	3,2
Part number		4700 0211 45	4700 0112 24	4700 0222 66	4700 8005 53



## MODULAR SCREEDS

BT90



### Advantages:

- Available with different power sources (pneumatic, electric, gasoline)
- Sections 1, 2 & 3m
- Total length up to 20m in gasoline & electric version
- Total length up to 25m in pneumatic
- Identical section for gasoline & electric drive units
- Low weight

### Features:

- Drive units equipped with winches (30m cable)
- Air section are equipped with pistons vibrators
- Square tube to avoid torsion & flexion
- Metallic frame
- High quality bearing

### Accessories:

- Crown invert bracket
- Rails
- Outrigger

Drive section <sup>1)</sup>		Electric	Petrol	Pneumatic
Working length	mm	560	560	-
Width	mm	535	620	585
Height	mm	980	980	970
Frequency	rpm	2865	2900	-
Input	kW	3	5,5	-
Powered by		400V-3-50 Hz	Honda GX 270	Compressor
Part number		4812 0509 95	4812 0509 96	4812 0509 94

<sup>1)</sup> Opposite-end section is delivered with the drive sections.

Screed section		0.5m	0.75m	1 m	2 m	3 m
Working length	mm	0.5	0.75	1000	2000	3000
Width	mm	420	420	420	420	420
Height	mm	376	376	376	376	376
Part number						
Pneumatic		4812051352	4812051345	4812 0509 98	4812 0510 00	4812 0510 02
Electric/Petrol		4812051352	4812051345	4812 0509 97	4812 0509 99	4812 0510 01



CONCRETE  
EQUIPMENT

Accessories		0,5 m extension	Outrigger (with rollers)	Crown Invert bracket (only for pneumatic sections)
Length	mm	500	372	270
Width	mm	420	300	-
Height	mm	421	300	-
Part number		4812 0510 03	4812 0510 49	4812 0510 50

# MODULAR SCREEDS

SVE/SVG



## Application:

- High to medium slump concrete
- Tunnels, roads, large depots, exhibition halls

## Advantages:

- Matches the previous Tremix truss screeds 100%
- Available with different power sources (gas and electric)
- Sections 1, 2, & 3m
- Total length up to 25m
- Low weight

## Features:

- Small rubber coupling
- Aluminum profiles & tubes
- Higher profile

## Accessories:

- Electric winch kit
- Skates
- Outrigger roller
- 0,3m non vibrating extension
- Third man extra hand winch

Flex screed - End piece	Electric	Petrol	Free end-section	Extension piece
Working length	mm 300	300	100	500
Width	mm 355	355	355	355
Height	mm 1000	1000	1000	1000
Weight	kg 60	63	26	7
Frequency	rpm 3000	3600	-	-
Input	kW 3	5,5 (output)	-	-
Powered by	400V-3-50 Hz	Honda GX 160	-	-
Part number	4812 0518 00 <sup>1)</sup>	4812 0517 99 <sup>1)</sup>	-	4812 0553 30

<sup>1)</sup> set of drive + free end section

Modular screed sections	0.5 m	0.75 m	1 m	2 m	3 m
Working length	mm 500	750	1000	2000	3000
Width	mm 355	355	355	355	355
Height	mm 520	520	520	520	520
Weight	kg 10	17	19	34	47
Part number	4812 0518 64	4812 0518 83	4812 0518 19	4812 0518 89	4812 0518 94



Accessories	Weight (kg)	Part number
Outrigger	20	4812 0553 24
Outrigger (with lifting device)	24	4812 0553 28
Skates (complete set, for one side)	5,3	4700 0220 27
Winch (electric, 2 pcs)	38,4	4700 8003 83
Third man (extra winch for long screeds)	12,2	4812 0551 80

## REMOTE CONTROLLED LEVELING SYSTEM

### Application:

- Concrete Vibration & Levelling for flooring specialist covering large areas daily
- High to medium slump concrete
- Industrial floors, alleys, parking lots, exhibition halls, warehouse etc.

### Features:

- Special wheel to avoid segregation
- You can cover up to 1,500 m<sup>2</sup> per day
- Remote controlled



NEW Q2 2016

Remote Controlled Leveling System		RLS 23
Size screed	m	2.3
Length	mm	2.900
Width – with/without screed	mm	2,750/1,200
Height – without mast	mm	1.740
Maximum working speed	m/s	0.8
Transport speed	m/s	2.3
Accuracy on wet concrete	mm	2
Laser profile system		Spectra Precision CB 30 + 2 x LR 30
Leveling device		Auger – 50 rpm; Level Screed Vibrator – 500 N
Working capacity (daily)	m <sup>2</sup>	1.500
Drive system		4 x 4
Steering system		2 wheel-steering (rear ones)
Type of wheels/diameter	mm	Solid, ALU alloy / 700

## EDGE TROWELS

### Applications:

- Concrete surfacing
- For all applications sizes
- Edges
- Floors, slabs



### Features:

- Safety belt-clutch with Atlas Copco "Quick Stop"
- Variable speed on petrol models
- Adjustable handle
- Quick release blades available
- Rotating protection ring
- Easy to clean

### Accessories:

- Trowel blades
- Discs

### Walk-behind trowels,

Petrol and electric versions

Edge Trowels		BG245	BG245	BG245	BG245
Protection ring diameter	mm	615	615	615	615
Operating weight	kg	59	60	59	60
Blade diameter	mm	600	600	600	600
Disc diameter	mm	610	610	610	610
Floating blade diameter	mm	-	-	-	-
Blade speed	rpm	40-140	40-115	40-140	120
Number of blades		4	4	4	4
Type of handle		Short foldable	Short foldable	Short foldable	Short foldable
Pitch control		Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch
Lifting hook		Standard	Standard	Standard	Standard
Transport wheels		Accessory	Accessory	Accessory	Accessory
Blade arm type		Bolt-on	Bolt-on	Bolt-on	Bolt-on
<b>Engine</b>					
Engine brand		Honda	Honda	Briggs&Stratton	
Model		GX120	GX120	550 series	
Power	hp	4	4	4	2 (input)
Fuel		Petrol	Petrol	Petrol	Electric
Voltage		-	-	-	230V-1-50Hz
Fuel tank capacity	l	2,5	2,5	2,5	-
Vibration value	m/s <sup>2</sup>	6,2	6,2	6,2	3,7
Sound power level, guaranteed	L <sub>wa</sub> dB(A)	100	100	100	104
Sound pressure level at operator's position	L <sub>pA</sub> dB(A)	84	84	84	86
Model code		H4 F CC TP	H4 F BC TP	V4 F CC TP	E F TP
Part number		4812 0554 09	4812 0554 17	4812 0554 22	4812 0554 25



## POWER TROWELS

### Applications:

- Electric trowel
- Concrete surfacing
- For all applications sizes
- Capacity machines
- Floors, slabs

### Features:

- Safety belt-clutch with Atlas Copco "Quick Stop"
- Variable speed on petrol models



- Adjustable handle
- Quick release blades available
- Easy to clean

### Accessories:

- Trowel blades
- Discs



### Walk-behind trowels

Petrol versions

Power trowels	BG375	BG375	BG375	BG375	BG375	BG375	BG375	BG475	BG475	BG475
Protection ring diameter	mm	950	950	950	950	950	950	1200	1200	1200
Operating weight	kg	83	84	80	84	93	102	93	102	80
Blade diameter	mm	900	900	900	900	900	900	1140	1140	1140
Disc diameter	mm	945	945	945	945	945	945	-	-	-
Floating blade diameter	mm	945	945	945	945	945	945	1160	1160	1160
Blade speed	rpm	40-140	40-115	40-140	40-140	40-115	40-115	40-140	40-115	40-140
Number of blades		4	4	4	4	4	4	4	4	4
Type of handle		Foldable	Foldable	Rigid	Foldable	Long	Long	Foldable	Long	Rigid
Pitch control		Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch
Clutch type		Centrifugal	Quickstop	Centrifugal	Centrifugal	Quickstop	Quickstop	Quickstop	Quickstop	Centrifugal
Lifting hook		Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Transport wheels		Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Blade arm type		Quick release / Bolt-on	Quick release / Bolt-on	Quick release / Bolt-on	Quick release / Bolt-on	Quick release / Bolt-on	Quick release / Bolt-on	Bolt-on	Bolt-on	Bolt-on
<b>Engine</b>										
Engine brand		Honda	Honda	Briggs&Stratton	Honda	Honda	Honda	Honda	Honda	Briggs&Stratton
Model		GX160	GX160	750 series	GX200	GX200	GX270	GX270	GX270	1450 series
Power	hp	5	5	5	6	6	9	9	9	9
Fuel		Petrol	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol
Fuel tank capacity	l	3,1	3,1	5,3	3,1	5,3	5,3	5,3	5,3	5,3
Vibrations	m/s <sup>2</sup>	3,5	3,5	4,8	3,5	3,2	3,2	3,2	3,2	4,8
Sound power level, guaranteed	L <sub>wa</sub> dB(A)	106	106	106	106	106	106	106	106	106
Sound pressure level at operator's position	L <sub>pA</sub> dB(A)	92	92	92	92	92	92	92	92	92
Model code		H5 F CC TP	H5 F BC TP	V5 S CC TP	H6 F CC TP	H6 L BC TP	H9 L BC TP	H9 F CC TP	H9 L BC TP	V9 S CC TP
Part number		4812 0554 10	4812 0554 18	4812 0554 23	4812 0554 11	4812 0554 19	4812 0554 20	4812 0554 14	4812 0554 21	4812 0554 24



## COMBITROWELS



### Applications:

- Concrete surfacing
- For all sizes of applications
- Capacity machines
- Floors, slabs

### Features:

- Adjustable handle
- Electric trowel
- Easy cleaning
- Built in carrying handle

- Transport wheels standard
- Two speed selection
- No fumes for indoor use

### Accessories:

- Trowel blades
- Discs

### Single hand-guided trowels

Electric versions

Combi trowels		BGCombi	BGCombi
Protection ring diameter	mm	850	1020
Operating weight	kg	88	90
Blade diameter	mm	850	850/915/980
Disc diameter	mm	max. 865	865/965/1015
Blade speed	rpm	60/120	
Number of blades		4	4
Type of handle		Long	Long
Pitch control		Twist-Pitch	Twist-Pitch
Engine		400V-3-50/60 Hz	400V-3-50/60 Hz
Low/High speed input power	kW (hp)	1,6 (2,2)	2,4 (3,3)
Lifting hook		Standard	Standard
Transport wheels		Standard	Standard
Blade arm type		Quick release	Quick release
Vibration value	m/s <sup>2</sup>	1,4	1,4
Sound power, guaranteed	L <sub>wa</sub> dB(A)	94	94
Sound pressure at operators ear	L <sub>pA</sub> dB(A)	77	77
Model code		E-L-TP	E-L-TP
Part number		3382 0001 08	3382 0001 09

## RIDE-ON TROWELS



### Applications:

- Concrete surfacing
- For all sizes of applications
- High capacity machines
- Floors, slabs

### Features:

- Great visibility
- Reliable
- Easy transportation
- Non overlapping machines
- Comfortable
- Service friendly

### Accessories:

- Trowel blades
- Discs
- Transport wheels
- Lifting slings

Ride-on Trowels		BG740	BG910
Steering control		Mechanical	Mechanical
Operating weight	kg	333	475
Troweling path width	mm	1880	2336
Rotor diameter	mm	914	1,168
Maximum rotor speed	rpm	<145	<145
Number of bladearms		2 x 4 (non overlapping)	2 x 5 (non overlapping)
Engine		4-stroke Honda GX690	Bridge & Stratton Vanguard
Power	kW (hp)	18 (24)	26 (35)
Fuel		Petrol	Petrol
Fuel tank capacity	l	23	23
Water tank	l	23	23
Cruise control		no	no
Dimensions (L x W x H)	mm	1980x1040x1350	2540x1280x1470
Hand Vibration value	m/s <sup>2</sup>	3	4,8
Foot Vibration value	m/s <sup>2</sup>	5,73	3
Seat Vibration value	m/s <sup>2</sup>	2,76	1,4
Sound power level, guaranteed	L <sub>wa</sub> dB(A)	87	103
Sound pressure level	L <sub>pA</sub> dB(A)	55	88
Part number		3382 0001 52	3382 0001 53

## WHEELED TOPPING SPREADER WAGON

### Applications:

- Spread all types of after-pours powder
  - Hardeners
  - Pigments/colorings
  - Reflecting toppings
  - Wearing course hardeners

### Features:

- Good profit
- Possibility to regulate the material flow
- Flow valve lever
- Knives for bag opening
- Lifting handle
- Dust protection front and rear curtain
- Screen/Mesh drum



Spreader wagon		WTS 830
Propeller		Drum + wheel
Hopper width	mm	830
Hopper capacity	kg	60
Type		manual push/pull
Weight	kg	40
Spreader capacity	kg/m <sup>2</sup>	1-4
Part number		4812 0552 40

## ORKA CONCRETE AND ASPHALT FLOOR SAWS



Orka is a very operator friendly floor saw with all major controls – such as on/off switch, throttle control and in depth control placed together for easy use.

### Applications:

- Fresh concrete expansion joint cutting
- Dry concrete cutting for repair work or demolition
- Asphalt cutting for road maintenance

### Accessories:

- Asphalt, cured concrete and fresh concrete blades from Ø350 mm up to 450 mm

### Features:

- Large water tank
- Available for different blade diameters
- Rigid frame
- Steel blade guard
- Front pointer
- Easy access to controls

Model		ORKA 350/450G	ORKA 350/450D
Standard disc size	mm	350-450	350-450
Max. cutting depth	mm	153	153
Engine		Honda GX390	Lombardini 15LD350
Fuel		Petrol	Diesel
Power	kW (hp)	8,7 (11,8)	5,1 (7)
Water tank capacity	l	30	30
Weight	kg	98	108
Vibration value	ms <sup>2</sup>	9,8	9,8
Noice level	dB(A)	113	115
Part number		4812 0510 07	4812 0510 08



### Diamond disks for floor saws

Type	Blade diameter	Pcs/pack	Blade type	Part number
350F	350 mm	5	For fresh concrete	4700 3685 94
350C	350 mm	5	For old concrete	4700 3685 93
350A	350 mm	5	For asphalt	4700 3685 92
450F	450 mm	1	For fresh concrete	4700 3685 95
450C	450 mm	1	For old concrete	4700 3685 87
450A	450 mm	1	For asphalt	4700 3685 88

# HANDHELD PNEUMATICS

Atlas Copco





### **Solid Body concept**

The one-piece machine body means fewer parts. This will help to increase reliability. The concept also gives a low centre of gravity to our breakers and thus a good balance of the product.

### **HAPS™ system**

By reducing the in-use vibration value of the machine, our HAPS™ system helps to decrease the negative effects of harmful vibration at a given trigger time.

### **Highly efficient silencer**

The wear-resistant polyurethane silencer cuts the noise emission by up to 75% (as compared to the same machine without noise reduction, ISO 2000/14/EC).

### **SOFSTART™ trigger**

The two-step trigger gives the operator full control when starting a cut – even under difficult conditions. Available with selected tools only.

### **Air cushioned piston**

To reduce vibration and wear, the piston turns on air-cushions at either end of the cylinder. When working off-load, this practically eliminates metal-to-metal contact.

### **Rotating air inlet swivel**

Easy handling of the tool, even when pressurized. Available with selected tools only.

### **Integrated lubricator**

Helps to minimize tool wear and is excellent for cold conditions, when it can be used for anti-freeze, such as our Breaker and Hammer AIR-OIL. It holds enough lubricant for an entire shift of normal work. Available with selected tools only.



## RTEX

### RTEX rewrites the profitability rulebook

- Breaking capacity of a 30+ kg breaker
- Reducing energy consumption by 50%
- Being 25% lighter

### New operating principle

- Constant Pressure Control, with the new improved energy transfer within the breaker and the new RHEX Power Chisel – the RTEX achieves record high breaking efficiency

### Low vibration and good control

- Measured according to EN ISO 28927-10\*, the 3-axes hand-and-arm vibration is below 5 m/s<sup>2</sup>. Under these conditions an operator can work up to eight times longer than with conventional breakers, according to the safety guidelines. Stiff handles and the Sofstart™ function make it very easy to control the power of the RTEX.

### Smaller investment

- One of the most intriguing features of the RTEX is that it offers a 50% reduction in compressed air consumption for the same breaking capacity. This means that a compressor only half the size is needed, or that two breakers can be used on a compressor which previously powered only one breaker. It is ergonomic and saves both money and the environment



NEW 2016

Pneumatic breakers		RTEX	
Weight	kg	25	25
Length	mm	780 / 685 (notched chisel)	780
Air consumption	l/s	17.5	18.5
Impact rate	blows/min	845	870
Vibration level 3 axes (ISO 28927-10) 1)	m/s <sup>2</sup>	5	4.8
Sound power level guaranteed (2000/14/EC) 1)	L <sub>w</sub> , dB(A)	107	107
Sound pressure level (ISO 11203) 1)	L <sub>p</sub> , r=1m	90	90
Shank size Hex	mm	28x152 / 28x160 / 28 notch	32x152 / 32x160
Part number		8461 0125 20	8461 0125 30

## PNEUMATIC VIBRO-REDUCED HAMMERS TEX 05-TEX 12

6,5-12 kg



### Applications depending on weight class:

- Light duty chipping and scaling work
- Renovation and conversion work
- Demolition
- Kiln stripping

### Features:

- Full canopy vibro-reduction (TEX 05, 09 and 12)
- Noise-reduction
- SOFSTART™ two-step trigger
- HAPSTM™ Hand and Arm Protection System
- Air cushioned piston (TEX 05, 09 and 12)
- Easy handling and positioning



Pneumatic hammers		TEX 05PE <sup>1</sup>	TEX 07PE	TEX 07PE FSH <sup>2</sup>	TEX 09PE/PER <sup>1,2</sup>	TEX 12PE/PER <sup>1,2</sup>
Weight	kg	6,5	8,5	9	10,5	12
Length	mm	450	525	525	560	590
Air consumption	l/s	10	17	17	17	20
Impact rate	blows/min	2640	1770	1770	1800	1620
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	2,4	12,4	10,5	4,2	4,0
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	105	104	104	105	105
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	87	87	87	93	93
Tool retainer		cap	cap	cap	latch	latch
Shank size HEX	mm	19x50	19x50	19x50	22x82,5	22x82,5
Part number (HEX shank)		8461 0219 10	8461 0209 20	8461 0209 21	8461 0211 35	8461 0211 38
Shank size round shank	mm	-	-	-	25x75	25x75
Part number (round shank)		-	-	-	8461 0211 36	8461 0211 39

Data at 6 bar (90 psi) air pressure

PE: silenced, vibro-reduced

PER: silenced, vibro-reduced,

round shank

FSH: Front side handle

Suitable couplings:

TEX 05PE Atlas Copco Standard 9000 0305 00

TEX 09 & 12 Atlas Copco Standard 9000 0306 00

Atlas Copco Standard w strainer 9000 0306 01

US standard 9001 0005 06

<sup>1</sup>) Claw couplings not included in delivery of TEX 05, 09 and 12.

<sup>2</sup>) Front side handle included



## PNEUMATIC STANDARD HAMMERS TEX 03-TEX 12

4,0-12,5 kg



### Applications depending on weight class:

- Light-duty chipping and scaling work
- Renovation and conversion work
- Demolition

### Features:

- SOFSTART™ two-step trigger (selected models)
- Noise-reduction
- Air cushioned piston



Pneumatic hammers		TEX 03PS <sup>2</sup>	TEX 05P <sup>1,2</sup>	TEX 09 PS KL	TEX 09 PS/PSR	TEX 10 PS KL	TEX 10 PS/PSR	TEX 12 PS KL/PSR KL	TEX 12 PS/PSR
Weight	kg	4,0	5,5	12	10	10,5	10	12,5	10,5
Length	mm	300	380	500	500	500	520	545	550
Air consumption	l/s	6,9	9,5	18,5	18,5	17	17	21,3	21,3
Impact rate	blows/min	4080	2760	1800	1800	1350	1350	1600	1600
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	16,5	13	16,1	16,1	22,4	22,4	15,4	15,4
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	105	104	105	103	103	102	105	105
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	89	92	93	91	91	90	92	93
Tool retainer		cap	cap	kick-latch	cap	kick-latch	cap	kick-latch	cap
Shank size HEX	mm	19x50	19x50	22x82,5	22x82,5	22x82,5	22x82,5	22x82,5	22x82,5
Part number (HEX shank)		8461 0208 01	8461 0219 00	8461 0211 05	8461 0211 02	8461 0211 32	8461 0211 30	8461 0211 12	8461 0211 13
		Kit: 8461 0208 02	Kit: 8461 0219 02	US: 8461 0211 06			US: 8461 0211 16		
Shank size round shank	mm		17,3x60		25x75		25x75	25x75	25x75
Part number (round shank)		-	8461 0219 03	-	8461 0211 04	-	8461 0211 31	8461 0211 15	8461 0211 14

Data at 6 bar (90 psi) air pressure

<sup>1)</sup> also available with combined hexagonal/round shank (part no: 8461 0219 01)

<sup>2)</sup> also available in carrying case as complete set (hexagonal shank only); kit  
KL: kick latch, PS: silenced, PSR: round shank

Claw couplings not included in delivery

Suitable couplings:

TEX 09, 10 and 12

TEX 03, TEX 05

Atlas Copco Standard  
Atlas Copco Standard with strainer  
US Standard (not for TEX 10)  
Atlas Copco Standard

9000 0306 00  
9000 0306 01  
9001 0005 06  
9000 0305 00



## PNEUMATIC BREAKERS TEX 140-TEX 280

15,5-31,5 kg

### Applications:

- Light and medium sized breakers for service jobs and general demolition in soft and medium hard materials

### Features:

- Solid Body concept
- Noise-reduction
- HAPS™ Hand and Arm Protection System (PE series)
- SOFSTART™ two-step trigger
- Rotating air inlet swivel
- Integrated lubricator
- Air cushioned piston



Pneumatic breakers		TEX 140PS		TEX 150PE		TEX 180PS		TEX 190PE		TEX 220PS		TEX 230PE		TEX 270PS		TEX 280PE			
Vibro-reduced		NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	NO	YES	YES	YES	NO	NO	YES	YES
Weight	kg	15,5	15,5	19	19	19	19,5	22,5	23	22	23,5	23,5	25,5	27	27	28	28	31,5	31,5
Length	mm	590	590	590	590	595	645	595	645	625	670	670	625	670	670	690	690	690	690
Air consumption	l/s	25	25	25	25	26	26	26	26	30	30	30	30	30	30	32	32	32	32
Impact rate	bpm	1530	1530	1530	1530	1500	1500	1500	1500	1320	1320	1320	1320	1320	1320	1230	1230	1230	1230
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	15,2	15,2	4,5	4,5	14,5	14,5	3,7	3,7	12,8	12,8	12,8	4,2	4,2	4,2	14,9	14,9	4,8	4,8
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	104	104	104	104	104	104	104	104	104	106	106	104	106	106	105	105	105	105
Sound pressure level (ISO 11203)	Lp, r=1m	91	91	91	91	92	91	92	91	92	93	93	92	93	93	92	92	92	92
Shank size	Hex mm	22x82,5	25x108	22x82,5	25x108	25x108	28x160	25x108	28x160	25x108	28x160	32x160	25x108	28x160	32x160	28x160	32x160	28x160	32x160

Available shank sizes <sup>1)</sup>		22x82,5		25x108		25x108 US		28x160		32x160	
TEX 140PS	Part number	8461 0223 30		8461 0223 32		8461 0223 34		-		-	
TEX 150PE	Part number	8461 0223 31		8461 0223 33		8461 0223 35		-		-	
TEX 180PS	Part number	-		8461 0224 30		8461 0224 34		8461 0224 32		-	
TEX 190PE	Part number	-		8461 0224 31		8461 0224 35		8461 0224 33		-	
TEX 220PS	Part number	-		8461 0225 30		-		8461 0225 32		8461 0225 33	
TEX 230PE	Part number	-		8461 0225 31		-		8461 0225 34		8461 0225 35	
TEX 270PS	Part number	-		-		-		8461 0226 30		8461 0226 31	
TEX 280PE	Part number	-		-		-		8461 0226 32		8461 0226 33	

Data at 6 bar (90 psi) air pressure

<sup>1)</sup> Hex shank (mm)

Claw couplings not included in delivery

Suitable couplings:

Atlas Copco Standard

Atlas Copco Standard with strainer

US Standard

9000 0306 00

9000 0306 01

9001 0005 06

## PNEUMATIC BREAKERS TEX 20-TEX 21

20-21 kg



### Applications:

- Medium sized breakers for service jobs and general demolition in medium hard materials like asphalt and concrete

### Features:

- Noise-reduction
- HAPS™ Hand and Arm Protection System (PE series)
- Air cushioned piston
- Hard hitting in relation to their weight due to extra long piston stroke

Pneumatic breakers		TEX 20PS	TEX 20PS-1	TEX 21PE	TEX 21PE-1
Weight	kg	20	20	21	21
Length	mm	635	600	650	615
Air consumption	l/s	25	25	25	25
Impact rate	blows/min	1140	1140	1140	1140
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	18,3	18,3	7,6	7,6
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	105	105	105	105
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	93	93	93	93
Shank size	mm	H 25x108	R 25x75 w. square collar	H 25x108	R 25x75 w. square collar
Part number		8461 0224 20	8461 0224 21	8461 0224 22	8461 0224 23

Data at 6 bar (90 psi) air pressure.  
Claw couplings not included in delivery

#### Suitable couplings:

Atlas Copco Standard	9000 0306 00
Atlas Copco Standard with strainer	9000 0306 01

## PNEUMATIC BREAKERS TEX P60-TEX P90

33-43 kg



### Applications:

- Heavy-duty breakers for use in medium and hard materials such as asphalt and concrete
- TEX P60: asphalt and other medium hard materials
- TEX P90: hard/reinforced concrete

### Features:

- Solid Body concept
- Noise-reduction
- SOFSTART™ two-step trigger
- Rotating air inlet swivel
- Integrated lubricator
- Air cushioned piston

Pneumatic breakers		TEX P60S		TEX P90S	
Weight	kg	33	33	43	43
Length	mm	690	690	710	710
Air consumption	l/s	36	36	40	40
Impact rate	blows/min	1500	1500	1260	1260
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	16,8	16,8	15,3	15,3
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	109	109	111	111
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	97	97	99	99
Shank size	Hex mm	28x160	32x160	28x160	32x160
Part number		8461 0227 22	8461 0227 23	8461 0228 22	8461 0228 23

Data at 6 bar (90 psi) air pressure.  
Unsilenced models available on request in some markets.  
Claw couplings not included in delivery.

#### Suitable couplings:

Atlas Copco Standard	9000 0306 00
Atlas Copco Standard with strainer	9000 0306 01
US Standard	9001 0005 06

## PNEUMATIC BREAKERS TEX 32-TEX 40

34-42 kg



### Applications:

- Heavy-duty demolition breakers for use in medium and hard materials such as asphalt and reinforced concrete

### Features:

- Noise-reduction
- HAPS™ Hand and Arm Protection System (PE series)
- Rotating air inlet swivel
- Integrated lubricator
- Air cushioned piston



Pneumatic breakers		TEX 32PS		TEX 33PE		TEX 39PS		TEX 40PE	
Weight	kg	34	34	37	37	39	39	42	42
Length	mm	745	745	745	745	750	750	750	750
Air consumption	l/s	34	34	34	34	40	40	40	40
Impact rate	blows/min	1200	1200	1200	1200	1110	1110	1110	1110
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	13,7	13,7	5,7	5,7	14,3	14,3	4,2	4,2
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	111	111	111	111	111	111	111	111
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	99	99	99	99	99	99	99	99
Shank size	Hex mm	28x160	32x160	28x160	32x160	28x160	32x160	28x160	32x160
Part number		8461 0227 03	8461 0227 05	8461 0227 01	8461 0227 00	8461 0228 03	8461 0228 01	8461 0228 05	8461 0228 04

Data at 6 bar (90 psi) air pressure.  
Unsilenced models TEX 32P and TEX 39P available on request in some markets.

Claw couplings not included in delivery.

Suitable couplings:

Atlas Copco Standard

Atlas Copco Standard with strainer

US Standard

9000 0306 00

9000 0306 01

9001 0005 06

## PNEUMATIC PUMPS

### Applications DIP:

Centrifugal pumps designed for clean, low-viscosity liquids such as water.

### Applications DOP:

Diaphragm pump designed for construction, mining and industrial applications or process industry

- Polluted media
- Viscous media
- Highly abrasive or inflammable fluids
- 15N: mainly for construction industry
- 15F: mainly for process industry



DIP

DOP

### Features:

- Robust
- Cannot be damaged by overloading
- Handle liquid temperatures of up to 100° C
- DOP pumps handle large solid particles up to 30 mm (1 1/5") in diameter

Pneumatic pumps	DIP 25	DIP 35	DIP 65	DOP 15N	DOP 15F	
Max. head	<i>m</i>	25	35	59	59	
Max. flow	<i>l/s</i>	28	22	11	7	
Max. air requirement	<i>l/s</i>	70	70	70	34	
Weight	<i>kg</i>	23	23	23	31	
Fluid outlet	<i>in</i>	G 2 1/2	G 2 1/2	G 2 1/2	G 2 1/2	
Air inlet	<i>in</i>	G 3/4	G 3/4	G 3/4	G 3/4	
Air outlet	<i>in</i>	G 1 1/2	G 1 1/2	G 1 1/2	G 1	
Part number		8492 0103 20	8492 0103 38	8492 0106 19	8492 0101 48	8492 0101 63

Data at 6 bar (90 psi) air pressure.  
US versions and pumping kits also available.

## PNEUMATIC COMBI DRILLS/HAMMERS

### Applications:

- Plug hole drilling 8-38 mm diameter
- Wedge hole drilling
- Chipping and scaling
- Renovation and rebuilding
- Underwater work

### Features:

- Built-in air flushing
- Noise-reduction
- Switching between drilling/chipping by change of working tool
- Built-in lubricator



DKR 36 Kit

Pneumatic combi drills/hammers		DKR 36 <sup>3)</sup>	DKR 36R
Weight	<i>kg</i>	4,5	4,5
Length	<i>mm</i>	380	380
Air consumption at 6 bar	<i>l/s</i>	10	10
Impact rate	<i>blows/min</i>	2820	2820
Revolutions	<i>rpm</i>	250	250
Penetration rate	<i>mm/min</i>	180 <sup>1)</sup> /160 <sup>2)</sup>	180 <sup>1)</sup> /160 <sup>2)</sup>
Hose connection	<i>mm</i>	19	19
Vibration level 3 axes (ISO 28927-10)	<i>m/s<sup>2</sup></i>	20,2 (breaking) 21,2 (drilling)	20,2 (breaking) 21,2 (drilling)
Sound power level guaranteed (2000/14/EC)	<i>L<sub>w</sub>, dB(A)</i>	103	103
Sound pressure level (ISO 11203)	<i>L<sub>p</sub>, r=1m</i>	88	88
Shank size	<i>mm</i>	R19xH14,7x89	R19x95
Part number		8463 0103 60	8463 0103 50

<sup>1)</sup> 19 mm drill in granite

<sup>2)</sup> 19 mm drill in concrete

<sup>3)</sup> Also available in carrying case as complete set (8463 0103 61): DKR 36 Kit

## PNEUMATIC ROCK DRILL

### SRD

#### Applications:

- Drills up to 6 m depth
- Production drilling in quarry/dimension stone industry
- Blast hole and secondary drilling

#### Features:

- Noise-reduction
- HAPS™ Hand and Arm Protection System
- Built in air flushing
- Extra flushing for quick and efficient hole cleaning
- Less time for maintenance



NEW Q3 2016

NEW Q3 2016

Pneumatic rock drill		SRD 20		SRD 25	
Weight	kg	24		27	
Length	mm	590		600	
Air consumption at 6.0 bar	l/s	39		50	
Impact rate	blows/min	2100		2040	
Revolutions	rpm	190		215	
Penetration rate	mm/min	295		425	
Hose connection	mm	19		19	
Vibration level 3-axis (ISO 28927-10)	m/s <sup>2</sup>	10		14	
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	111		112	
Shank size	mm	22x82.5	22x108	22x108	25x108
Part number		8311 0320 09	8311 0320 10	8311 0325 10	8311 0325 09



## PNEUMATIC ROCK DRILLS BBD 12 AND BBD 15



### Applications:

- Drills up to 2 m depth
- Plug hole drilling
- Anchor and wedge hole drilling

### Features:

- Noise-reduction (S-versions)
- HAPS™ Hand and Arm Protection System (E-versions)
- Built-in air flushing
- Trigger version available (ET)



Pneumatic rock drills		BBD 12D	BBD 12DS	BBD 12DCS	BBD 12T-01	BBD 12TS-01	BBD 15E			BBD 15ET	
Weight	kg	9,8	10,7	10,5	11,1	12,1	15,5	15,5	15,5	15,6	15,6
Length	mm	565	565	560	505	505	575	575	575	575	575
Air consumption	l/s	24	22	22	24	22	22	22	22	22	22
Impact rate	blows/min	2580	2580	2580	2580	2580	2520	2520	2520	2520	2520
Revolutions	rpm	220	220	220	220	220	220	220	220	220	220
Penetration rate	mm/min	250 <sup>1)</sup>	230 <sup>1)</sup>	230 <sup>1)</sup>	150 <sup>1)</sup>	150 <sup>1)</sup>	220 <sup>1)</sup>	220 <sup>1)</sup>	220 <sup>1)</sup>	220 <sup>1)</sup>	220 <sup>1)</sup>
Hose connection	mm	13	13	13	19	19	19	19	19	16	16
Vibration level 3 axes (ISO 20643)	m/s <sup>2</sup>	22,2	22,2	22,2	16	16	7	7	7	7	7
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	114	108	108	116	111	110	110	110	110	110
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	103	97	97	103	98	97	97	97	97	97
Shank size	mm	19x108	19x108	19x108	22x108	22x108	19x108	22x108	22x82,5	19x108	22x108
Part number		8311 0102 47	8311 0102 80	8311 0101 63	8311 0102 95	8311 0102 98	8311 0104 02	8311 0104 10	8311 0104 09	8311 0104 12	8311 0104 13

Data at 6 bar (90 psi) air pressure

<sup>1)</sup> In granite, drilling with 28 mm at 6 bar

<sup>2)</sup> In granite, drilling with 32 mm at 6 bar

D = D-handle

T = T-handle

E = vibro-reduced handles

ET = vibro-reduced handles, trigger start

C = cap

S = silenced

## PNEUMATIC ROCK DRILLS RH 571, RH 572 AND RH 658

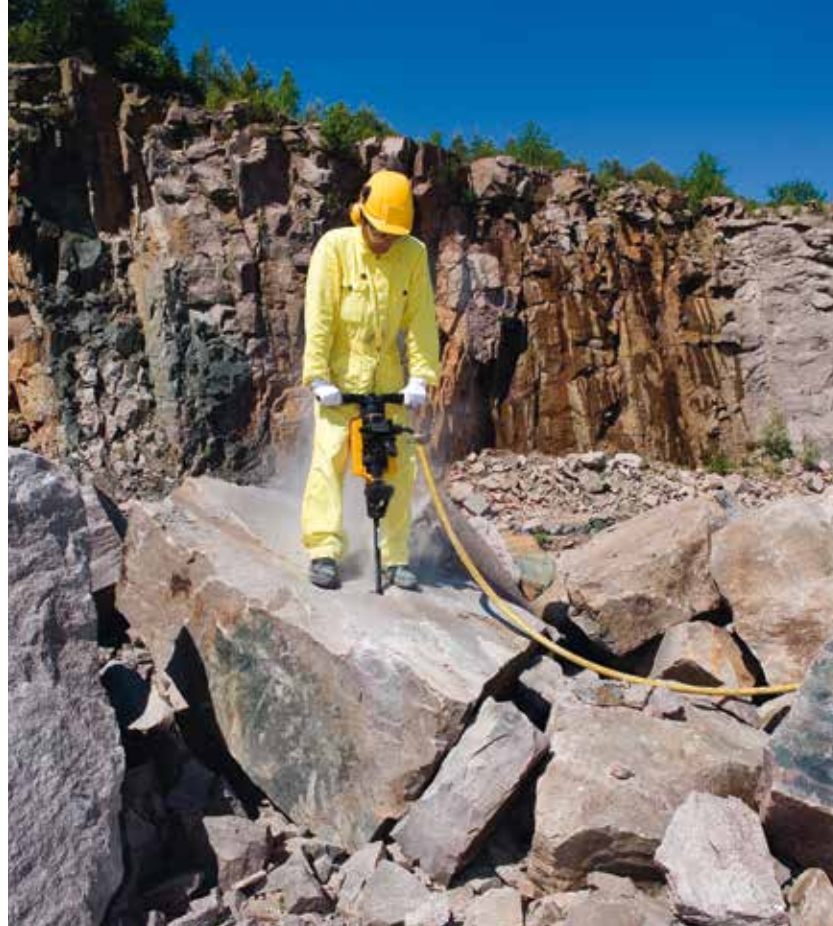


### Applications:

- Drills up to 6 m depth
- Production drilling in quarry/  
dimension stone industry
- Blast hole and secondary drilling

### Features:

- Noise-reduction (S-versions)
- HAPS™ Hand and Arm Protection  
System (E-versions)
- Built-in air flushing
- Extra flushing for quick and efficient  
hole cleaning



Pneumatic rock drills		RH 571-5L	RH 571-5LS	RH 572E	RH 658L	RH 658LS
Weight	kg	18	19	23	24	25
Length	mm	510	510	583	565	565
Air consumption	l/s	39	39	37	58	58
Impact rate	blows/min	2100	1980	2040	2040	2040
Revolutions	rpm	190	190	170	215	215
Penetration rate <sup>1)</sup>	mm/min	295	275	260	425	425
Hose connection	mm	19	19	19	19	19
Vibration level 3 axes (ISO 20643)	m/s <sup>2</sup>	23,2	23,2	9,7	21,2	21,2
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	119	112	113	116	112
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	106	99	100	106	99
Shank size	mm	22x108	22x108	22x108	22x108	22x108
Part number		8311 0301 29	8311 0301 37	8311 0301 78	8311 0302 86	8311 0302 87

Data at 6 bar (90 psi) air pressure

E = vibro-reduced handles  
S = silenced

<sup>1)</sup> In granite, drilling with 32 mm at 6 bar

## PNEUMATIC ROCK DRILLS AND PUSHER LEGS



### Applications:

- Production drilling
- Mining and construction
- Dimension stone industry

### Features:

- High quality, designed for production drilling
- Noise-reduction (16 WS, 34 WS, 94 WE)
- Built-in water flushing
- ATEX certification (BBD 94 WS, BMK 91RS)
- Single or double telescopic pusher legs



Rock drills		BBC 16W	BBC 16 WS Silenced version	BBC 34 WTH	BBC 34W	BBC 34 WS Silenced version	BBD 94W	BBD 94WE Silenced version	BBD 94WS ATEX	RH 656W
Hole range	mm	27-41	27-41	27-41	27-41	27-41	27-41	27-41	27-41	27-41
Weight	kg	28,5	29,5	34	33,5	34,5	28	28,5	31	22
Length	mm	705	705	740	775	775	670	670	670	658
Air consumption	l/s	69	69	88	88	88	97	97	97	48
Impact rate	blows/min	2340	2340	2280	2280	2280	3300	3300	3300	2040
Piston diameter	mm	70	70	80	80	80	90	90	90	65
Stroke length	mm	55	55	70	70	70	45	45	45	59
Vibration level 3 axes (ISO 5349-2)	m/s <sup>2</sup>	16,6	16,6	20,4	20,4	20,4	15	15	15	21,2
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	122	114	127	127	120	125	120	125	120
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	111	103	116	116	109	114	109	114	115
Part number		8311 0401 10	8311 0303 46	8311 0408 10	8311 0408 05	8311 0303 47	8311 0206 09	8311 0303 44	8311 0206 12	8311 0303 45

Data at 6 bar (90 psi) air pressure.

Pusher legs		BMT 51	ALF 71	ALF 71-1	ALF 72D	ALF 72D-1	BMK 62S	BMK 91RS	ALF 67/80	ALF 67/80D
Telescope		Single	Single	Single	Single	Single	Single	Single	Double	Double
Suitable for rock drill:		BBC 16W, 34W	BBC 16W, 34W	BBC 16W, 34W	BBD 94W	BBD 94W	RH 656W	BBD 94WS	BBC 16W, 34W	BBD 94W
Feeding length	mm	1300	1300	950	1300	1200	1300	1300	1855	1855
Length retracted	mm	1658	1805	1455	1970	1830	1815	1870	1495	1595
Length extracted	mm	2958	3105	2405	3270	3030	3115	3170	3350	3450
Weight	kg	15	14	13	19	16	17	24	17	19
Piston bore	mm	60	70	70	70	70	53	67	67/80	67/80
Part number		8321 0301 01	8321 0201 94	8321 0201 95	8321 0201 80	8321 0201 81	8321 0102 02	8321 0104 27	8321 0201 85	8321 0201 69



## PNEUMATIC ROCK DRILLS – STOPERS

### Applications:

- Raise driving and bolting
- Screening

### Features:

- High quality, designed for production drilling
- Front flushing of drill steel to keep water and cuttings out from the drill (BBC 34)
- Clock wise rotation for bolting (BBD 46 WR)



Stoppers		BBD 46WS-6	BBD 46WS-8	BBD 46WR-6	BBD 46WR-8	BBC 34WS-6	BBC 34WS-8
Hole range	<i>mm</i>	27-41	27-41	27-41	27-41	27-41	27-41
Weight	<i>kg</i>	39	40	39	40	45,5	46,5
Length retracted	<i>mm</i>	1435	1650	1435	1650	1610	1810
Length extracted	<i>mm</i>	2205	2620	2205	2620	2380	2780
Air consumption	<i>l/s</i>	90	90	90	90	125	125
Impact rate	<i>bpm</i>	3000	3000	3000	3000	2340	2340
Piston diameter	<i>mm</i>	75	75	75	75	80	80
Stroke length	<i>mm</i>	45	45	45	45	70	70
Vibration level 3 axes (ISO 20643)	<i>m/s<sup>2</sup></i>	10	10	10	10	30,5	30,5
Sound power level guaranteed (2000/14/EC)	<i>L<sub>w</sub>, dB(A)</i>	124	124	124	124	129	129
Sound pressure level (ISO 11203)	<i>L<sub>p</sub>, r=1m</i>	121	121	121	121	118	118
Part number		8311 0202 03	8311 0202 11	8311 0202 29	8311 0202 37	8311 0104 03	8311 0104 04

Data at 6 bar (90 psi) air pressure  
R=right rotation

## RIG-MOUNTED PNEUMATIC ROCK DRILLS

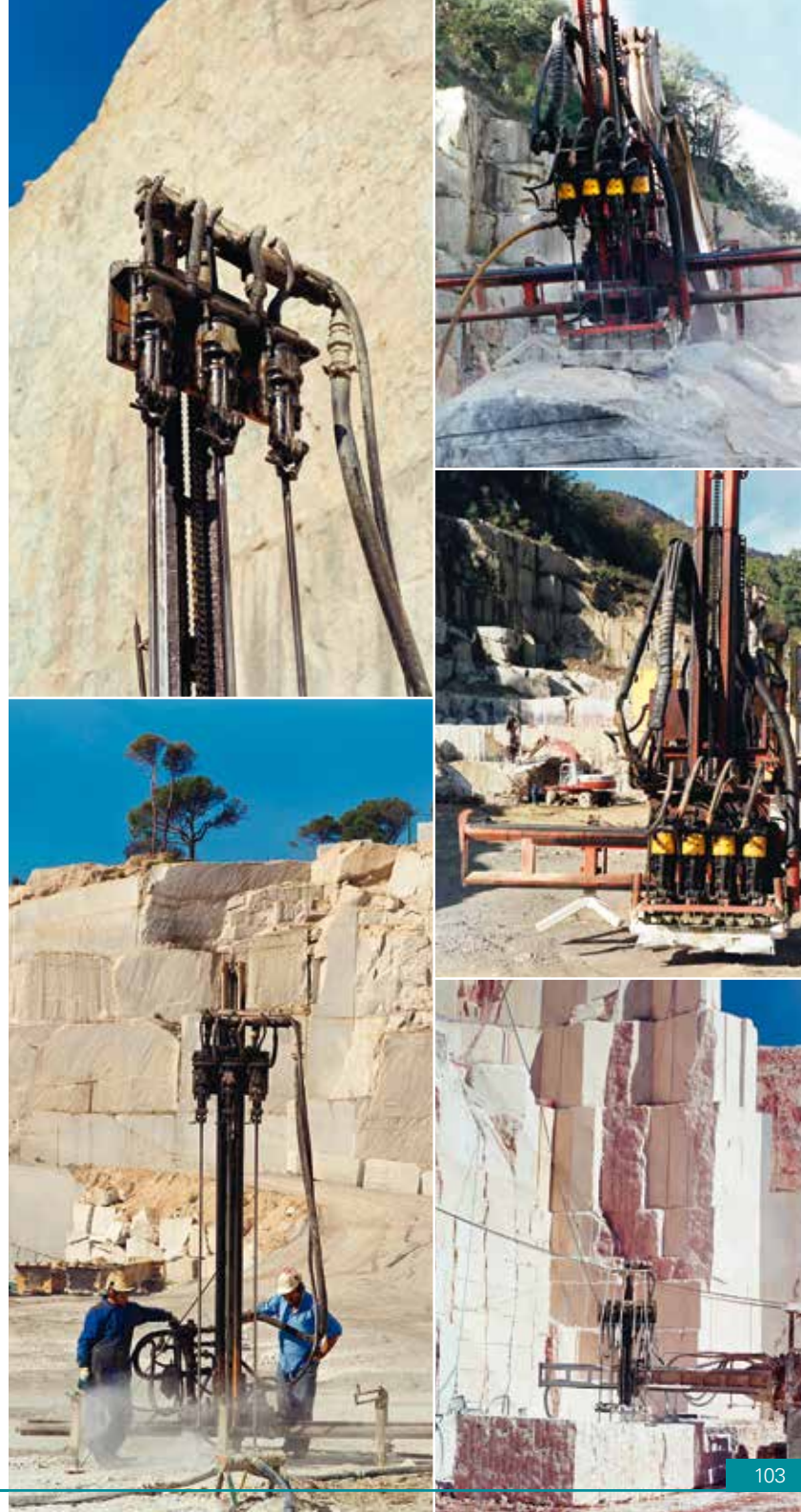
### Applications:

- Dimension stone industry (DSI)
- Marble and granite quarries
- Cable or chain feed drilling

### Features:

- Noise-reduction (BBC 34 DSI)
- Efficient air flushing
- Can be converted to water flushing
- Production drilling

Rig-mounted rock drills		BBD 94-DSI	BBC 34-DSI
Weight	kg	28	31
Length	mm	670	775
Air consumption	l/s	97	88
Impact rate	bpm	3300	2280
Piston diameter	mm	90	80
Stroke length	mm	45	70
Vibration level 3 axes (ISO 20642)	m/s <sup>2</sup>	15	20,4
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	125	120
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	114	109
Part number		8311 0206 10	8311 0408 06





# HANDHELD HYDRAULICS

Atlas Copco



### Powerful ... still small and light

Construction and rental companies around the world are discovering the advantages of using hydraulics. They know that hydraulic equipment offers the best power-to-weight ratio of any system. And they appreciate that a hydraulic power pack is so small and light that two people can lift one up and fit it in the back of a van.

Smaller construction and rental companies have been quick to understand the very real cost advantage of hydraulics. For the price of one compressor/breaker combination, you can buy two complete hydraulic power pack/breaker sets. In fact, you might not need a power pack at all: with the help of an oil flow divider and an extension hose, you can hook hydraulic tools directly to a hydraulic-powered carrier.

Hydraulic power packs are a flexible power source: use them to power cut-off saws, core drills, submersible pumps and many other tools. You can use hydraulic tools anywhere, independent of electric or pneumatic supply. With no exhaust from the tool, you can use them both indoor and outdoor. And they can be used whether it's hot or cold, dusty or wet or even underwater.

### Easy to own

There's not much that can go wrong with our hydraulic tools. With just two moving parts, lubricated continuously by the hydraulic oil, there's minimal wear and very few parts to replace. Hydraulics are by nature reliable: Working in a closed loop, dirt and moisture are kept out. And with the no-spill, flat-face couplings, it's easy to keep the system clean and to ensure correct connection.





## HYDRAULIC POWER PACKS

### Features:

- Portable, compact and lightweight
- High efficiency, low noise and low fuel consumption thanks to Power On Demand function (available with selected models only)
- Low maintenance, long lifetime – moving parts move in a closed lubricated circuit
- Protective steel frame with foldable handles
- Lifting eye and cross lifting bar
- No exhaust or emission from the tools – power pack with engine can be placed away from tool
- Large return filter and replacement indicator
- Thermostatically-controlled oil cooler



NEW 2016

NEW 2016

Power packs		LP 9-20 P <sup>2)</sup>	LP 13-30 P <sup>2)</sup>	LP 18-30 PE	LP 18-40 PE	LP 18 Twin PE <sup>3)</sup>	LP 13-20 DEL	LP 9-20 E	LP 18-30 E	LP 18-40 E	LP 18 Twin E
Fuel		Petrol	Petrol	Petrol	Petrol	Petrol	Diesel	Electric	Electric	Electric	Electric
Engine		9 HP Honda	13 HP Honda	18 HP B&S Vanguard	18 HP B&S Vanguard	18 HP B&S Vanguard	10 HP Lombardini	5,5 kW/ 3x400 V/16A	11 kW/ 3x400 V/32A	11 kW/ 3x400 V/32A	11 kW/ 3x400 V/32A
Weight (incl oil)	kg	80	91	119	119	123	116	73	131	131	135
Dimensions (LxWxH)	mm	630x530x640	745x600x705	790x605x745	790x605x745	755x700x720	745x600x705	630x530x640	815x605x745	815x605x745	745x605x705
Oil flow	l/min	20	20-30	20-30	20-40	2x20/1x40	20	20	30	40	2x20/1x40
Maximum pressure	bar	150	150	172	145	145	150	150	172	155	155
Fuel capacity	l	6	6,5	8,5	8,5	8,5	5	-	-	-	-
Hose included		YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
Power on Demand (POD)		YES	YES	NO	NO	YES	NO	NO	NO	NO	NO
Oil control: engine oil		YES	YES	YES	YES	YES	NO	NO	NO	NO	NO
Electric start		NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	101	101	101	101	101	-	96	101	101	101
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	87	89	88	89	89	-	82	87	87	86
EHTMA class		C	C/D	C/D	C/D/E	C/E	C	C	D	E	C/E
Part number		1807 0080 50	1807 0110 12	1807 0160 41	1807 0160 38	1807 0160 16	-	1807 0080 52	1807 0160 43	1807 0160 42	1807 0160 22
Part number <sup>1)</sup>		1807 0080 51	1807 0110 23	-	1807 0160 40	1807 0160 32	1807 0110 20	-	-	-	-

<sup>1)</sup> Not sold within EU <sup>2)</sup> Extension twin-hose comes as standard with LP 9-20 P and LP 13-30 P.

## HYDRAULIC STANDARD HAMMER AND BREAKERS



### Applications:

- Breaking light concrete and brickwork (LH 11)
- Medium and hard materials as asphalt and concrete

### Features:

- Low noise levels
- Slim design
- High power to weight ratio
- High back pressure (HBP) versions for skid steer connections
- No exhaust or emission
- No additional lubrication needed
- No freezing



Hammer and breakers		LH 11	LH 180	LH 220	LH 220 HBP <sup>3)</sup>	LH 270	LH 270 HBP <sup>3)</sup>	LH 390	LH 390 HBP <sup>3)</sup>
Weight <sup>1)</sup>	kg	15,5	19,5	22,5	22,5	26,5	26,5	33	33
Length <sup>2)</sup>	mm	650	650	690	690	765	765	765	765
Oil flow	l/min	20	20	20-30	20-30	20-30	20-30	30-40	30
Working pressure	bar	80-100	95-110	105-125	115-130	110-125	115-130	110-125	115-130
Max back pressure	bar	10	10	15	35	15	35	15	20
Impact rate	blows/min	2300	1400	1500-2100	1500-2100	1350-1750	1350-1750	1150-1600	1150-1600
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	16,5	15,1	16,6	17,3	19,4	18,6	20,1	20,1
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	105	106	107	107	107	107	106	106
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	92	93	95	95	94	94	93	93
EHTMA class		C	C	C/D	C/D	C/D	C/D	D/E	D

Part number	LH 11	LH 180	LH 220	LH 220 HBP	LH 270	LH 270 HBP	LH 390	LH 390 HBP
Hex 22x82,5	1801 1741 18	-	-	-	-	-	-	-
Hex 25x108	-	1801 3443 36	1801 3543 46	1801 3546 87	-	-	-	-
Hex 28x152	-	1801 3443 37	1801 3543 47	1801 3546 88	1801 3643 56	1801 3646 97	1801 3743 64	1801 3747 05
Hex 28x160	-	1801 3443 38	1801 3543 48	1801 3546 89	1801 3643 57	1801 3646 98	1801 3743 65	1801 3747 06
Hex 32x152	-	1801 3443 39	1801 3543 49	1801 3546 90	1801 3643 58	1801 3646 99	1801 3743 66	1801 3747 07
Hex 32x160	-	1801 3443 40	1801 3543 50	1801 3546 91	1801 3643 59	1801 3647 00	1801 3743 67	1801 3747 08

<sup>1)</sup> Weights for LH 180 with Hex 25, LH 220, LH 270, LH 390 with Hex 32.

<sup>2)</sup> Lengths for LH 180 with Hex 25, LH 220, LH 270, LH 390 with Hex 32

<sup>3)</sup> HBP: High Back Pressure

## HYDRAULIC VIBRO-REDUCED BREAKERS



### Applications:

- Medium and hard materials like asphalt and concrete

### Features:

- Vibro-reduction
- Vibro-damping chisel bushing
- Low noise levels
- Slim design
- High power to weight ratio
- High back pressure (HBP) versions for skid steer connections



Breakers		LH 190 E	LH 230 E	LH 230 E HBP	LH 280 E	LH 280 E HBP	LH 400 E	LH 400 E HBP
Weight <sup>1)</sup>	<i>kg</i>	25	28	28	32,5	32,5	39	39
Length <sup>2)</sup>	<i>mm</i>	650	735	735	765	765	765	765
Oil flow	<i>l/min</i>	20	20-30	20-30	20-30	20-30	30-40	30
Working pressure	<i>bar</i>	95-110	105-125	115-130	110-125	115-130	110-125	115-130
Max back pressure	<i>bar</i>	10	15	35	15	35	15	20
Impact rate	<i>blows/min</i>	1400	1500-2100	1500-2100	1350-1750	1350-1750	1150-1600	1150-1600
Vibration level 3 axes (ISO 28927-10)	<i>m/s<sup>2</sup></i>	5	4,6	4,9	4,6	5,5	5,4	6,3
Sound power level guaranteed (2000/14/EC)	<i>L<sub>w</sub>, dB(A)</i>	106	107	107	107	107	106	106
Sound pressure level (ISO 11203)	<i>L<sub>p</sub>, r=1m</i>	93	95	95	94	94	93	93
EHTMA class		C	C/D	C/D	C/D	C/D	D/E	D

Part number	LH 190 E	LH 230 E	LH 230 E HBP	LH 280 E	LH 280 E HBP	LH 400 E	LH 400 E HBP
Hex 25x108	1801 3443 41	1801 3543 51	1801 3546 92	-	-	-	-
Hex 28x152	1801 3443 42	1801 3543 52	1801 3546 93	1801 3643 60	1801 3647 01	1801 3743 68	1801 3747 09
Hex 28x160	1801 3443 43	1801 3543 53	1801 3546 94	1801 3643 61	1801 3647 02	1801 3743 69	1801 3747 10
Hex 32x152	1801 3443 44	1801 3543 54	1801 3546 95	1801 3643 62	1801 3647 03	1801 3743 70	1801 3747 11
Hex 32x160	1801 3443 45	1801 3543 17	1801 3546 96	1801 3643 63	1801 3647 04	1801 3743 71	1801 3747 12

<sup>1)</sup> LH 190 E with Hex 25, LH 230 E, LH 280 E and LH 400 E with Hex 32.

<sup>2)</sup> Lengths for LH 190 E with Hex 25, LH 230 E, LH 280 E, LH 400 E with Hex 32



## HYDRAULIC ROCK DRILL

### Applications:

- Drills up to 6 m depth and up to 50 mm diameter:
  - Blast holes
  - Anchor holes
  - Rock-splitting holes

### Features:

- Torque limiter prevents operator kick-back
- Anticlockwise rotation as option
- A drifter version for separate operation of impact and two way rotation is available.



Rock drill		LHD 23 M	LHD 23 R
Shank size	Hex mm	22x108	22x108
Weight including hoses	kg	26	24
Service weight	kg	28,5	26,5
Oil flow	l/min	20-25	20-25
Working pressure	bar	100-140	100-140
Max back pressure	bar	15	15
Impact rate <sup>1)</sup>	blows/min	2550	2550
Revolutions	rpm	320-400	320-400
Torque	Nm	30	90
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	11,7	-
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	115	115
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m	104	104
EHTMA class		C	C
Part number, clockwise rotation		1801 3800 01	1801 0360 02
Part number, CCW rotation		1801 3800 02	-

<sup>1)</sup> At 25 l/min.

## HYDRAULIC PUMPS

### Applications:

Pumping of clean or contaminated water and slurry:

- On building sites
- In flooded excavations
- In cellars
- In wells

### Features:

- Spark proof motor
- Can run dry
- LWP 2 is for clean water and will accept small stone and debris up to 10 mm in size
- LTP 3 is a slurry pump and will pump water and slurry with particles up to approx. 60 mm
- Including 10 m discharge hose with quick coupling
- Incredible pump performance to weight ratio



Water pumps		LWP 2	LTP 3
Weight	kg	11	13
Width	mm	225	300
Oil flow	l/min	18-24	26-38
Working pressure	bar	100	140
Maximum Pressure	bar	172	172
Pump head max	m	25	32
Pump flow max	l/min	840	1920
Discharge		2"	3"
Solids handling up to	mm	10	60
EHTMA class		C	D
Part number		1806 1014 34	1806 1014 35

## HYDRAULIC CORE DRILLS



### Applications:

- Safe handheld drilling in reinforced concrete and asphalt up to 200 mm diameter in confined spaces, for ventilation, heating, gas piping and other installations
- Works efficiently also in underwater applications

- Low kick-back
- Hydraulic torque control
- Fits in standard drill stands
- Closed hydraulic circuit
- Comes in carrying steel case as standard

### Features:

- High power to weight ratio
- Low vibrations

Core drills		LCD 500	LCD 1500
Weight including hoses	kg	9,5	9
Oil flow rate	l/min	20-30	20-30
Length without drill	mm	414	406
Working pressure	bar	60-120	60-120
Revolutions	rpm	600-900	1500-2250
Drill diameter	mm	50-202	12-75
Thread female (drive) <sup>1)</sup>		½" BSP	½" BSP
Vibration level 3 axes (ISO 28927-5)	m/s <sup>2</sup>	3,1	2,7
Sound pressure level (ISO 11203)	Lp, r=1m	<70	<70
EHTMA class		C/D	C/D
Part number		1806 1014 38	1806 1014 39

<sup>1)</sup> 1/2" BSP male x 1 1/4 UNC male drive adaptor included for use of larger diameter core bits.

## HYDRAULIC CUT-OFF SAWS



### Applications:

- Cutting depth of 133-160 mm
- Works in dust, slurry and underwater
- Used for cutting:
  - Concrete, reinforced concrete
  - Asphalt
  - Steel
- Used with:
  - Dry and wet diamond discs
  - Abrasive steel cutting discs

### Features:

- Simple design with direct drive motor
- Open visible cutting face
- Good power-to-weight ratio
- Compact and slim design

Cut-off saws		LS 14	LS 16
Weight including hoses	kg	12	13
Oil flow	l/min	20-30	20-40
Maximum pressure	bar	172	172
Revolutions	rpm	2500-4000	2000-4000
Speed	m/s	46-75	42-85
Disc size	mm	355	405
Arbor size	mm	25,4	25,4
Cutting depth	mm	133	160
Vibration level 3 axes (ISO 28927-8) 20 lpm	m/s <sup>2</sup>	4,9	4,9
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	108	116
Sound pressure level (ISO 11203)	Lp, r=1m	94	102
EHTMA class		C/D	C/D/E
Part number		1809 0140 01	1809 0160 00

## HYDRAULIC POST AND GROUND ROD DRIVERS

### Applications:

- Drives up to 150 mm diameter poles
- For driving of:
  - Road barriers
  - Tubes / profiles
  - Signposts
  - Fences
  - Anchors
  - Ground rod

### Features:

- Available with built-in on/off valve or hose mounted remote on/off valve

### Options:

- Adaptors driving heads
- Kits



Post drivers		LPD-LD-T	LPD-T	LPD-RV	LPD-HD-T	LPD-HD-RV
Activation type		By trigger lever	By trigger lever	By remote valve	By trigger lever	By remote valve
Hydraulic system		Open centre	Open centre	Open- or closed-centre	Open centre	Open- or closed-centre
Weight including hoses	<i>kg</i>	17,5	32	33	39	40
Driving capacity <sup>1)</sup>	<i>mm</i>	10-60	40-100	40-100	70-150	70-150
Working pressure	<i>bar</i>	80-100	105-140	105-140	105-125	105-125
Oil flow	<i>l/min</i>	20	20-30	20-30	28-40	28-40
Impact rate	<i>blows/min</i>	2300 (20l/min)	1680 (30l/min)	1680 (30l/min)	1320 (30l/min)	1320 (30l/min)
Hydraulic ports		½" BSP	½" BSP	½" BSP	½" BSP	½" BSP
Vibration level 3 axes (ISO 28927-10) 20 lpm <sup>1)</sup>	<i>m/s<sup>2</sup></i>	17,5	12,8	-	-	-
Sound power level guaranteed (2000/14/EC)	<i>L<sub>w</sub>, dB(A)</i>	116	115	115	118	118
Sound pressure level (ISO 11203)	<i>L<sub>p</sub>, r=1m</i>	102	102	102	105	105
EHTMA class		C	C/D	C/D	D/E	D/E
Part number		1801 3940 06	1801 4040 02	1801 4050 02	1801 4140 00	1801 4150 00

<sup>1)</sup> Depending on ground condition

## HYDRAULIC POST PULLER

### Applications:

- For removal of any pole, steel beam or tube with diameters up to 200 mm
- For removing of:
  - Wooden posts
  - Steel posts (incl IPE, HPE and UPE profile)
  - Round/square steel tubes
  - Fence posts
  - Anchors



### Features:

- Integrated jaw
- Automatic chain tightening clamp
- Total pulling force up to 10 tons

Post puller	LPP 10 HD	
Weight	kg	60
Oil flow	l/min	20-40
Max. working pressure	bar	172
Max. back pressure	bar	30
Lift capacity per stroke	mm	12-200
Pulling force	kg	6000
Full pulling force <sup>1)</sup>	kg	10000
EHTMA class	C/D/E	
Part number	1801 8100 03	

<sup>1)</sup> Lever kit, part number 3371 8101 48

## HYDRAULIC POSTHOLE BORER

### Applications:

- Drilling preparations for:
  - Fence posts
  - Planting holes
  - Signpost holes
  - Drilling depth down to 1,5 m



### Features LPHB:

- Two way rotation – ideal in stony ground
- Adjustable rotation speed and torque limiter
- Quick change of auger without any tools

Handheld post hole borer	LPHB	
Weight <sup>1)</sup>	kg	20
Oil flow	l/min	15-40
Working pressure	bar	80-140
Max back pressure	bar	50
Torque	Nm	315
Speed of rotation	rpm	90-240
Auger size at L=870	mm	90-350
Vibration level 3 axes (ISO 28927-5) 20lpm	m/s <sup>2</sup>	7,4
Sound pressure level (ISO 11203)	Lp, r=1m	<70
EHTMA class	C/D/E	
Part number	1806 1014 33	

<sup>1)</sup> Without auger and top plate



## HYDRAULIC ROCK DRILL HRD100 SYSTEM

### Applications:

- Mining
- Tunneling
- Construction

### Advantages:

- System containing rock drill, power pack and pusher leg
- Fast and low cost per metre drilled
- Outstanding energy efficiency, the deeper you go

### Features:

- Increased drill rate
- Low noise and vibration level
- Water on demand

### RD100

Rock drill		RD 100	RD 100
Weight without hoses	kg	23	22.6
Max hole diameter	mm	42	42
Max drill depth	m	2.4	2.4
Length <sup>1)</sup>	mm	655	604
Oil flow	l/min	38	38
Working pressure	bar	100-120	100-120
Impact rate	blows/min	3600-3900	3600-3900
Working temperature, oil	°C	20-60	20-60
Working temperature, water	°C	5-30	5-30
Water flow	l/min	12	12
Ambient temperature	°C	5-40	5-40
Shank size Hex	mm	22x159	22x108
Part number	-	8311 0304 10	8311 0303 58

<sup>1)</sup> Not including tool retainer



### Noise and vibration data

Noise		Vibration
Declared values		Declared values
Sound Pressure	Sound Power	Three axes values
EN ISO 11203	ISO 15744	EN ISO 5349-2
Lp r=1m dB(A) rel 20uPa	Lw guaranteed dB(A)rel 1pW	A m/s <sup>2</sup> value
100	111	11

## HYDRAULIC ROCK DRILL HRD100 SYSTEM

### Pusher leg

Pusher leg		PL70	PL100	PL120	PL150
Feed length	mm	470	770	970	1270
Retracted length	mm	700	1000	1200	1500
Stroke	mm	468	768	968	1268
Weight	kg	8,8	10	10,8	12
Part number		8321 0303 05	8321 0303 08	8321 0303 10	8321 0303 15

Accessories	Electric cable	Hose kit	
Length	m	100	10
Hose type		-	2 hydraulic hoses, 1 water hose
Part number		8311 0304 30	8311 0304 40

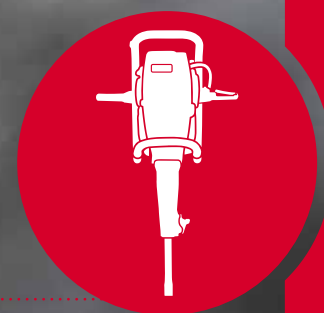
### PP100

Power pack		PP100	PP100	PP100
Power supply		"525 V ± 10%, 50 Hz , 12 A"	"380 V ± 10%, 50/60 Hz, 17 A"	"440 V ± 10%, 50/60 Hz, 17 A"
Input power	kW	10	10	10
Motor type		Inverter controlled 3 phase PM motor	Inverter controlled 3 phase PM motor	Inverter controlled 3 phase PM motor
Socket		PC1 5-pole, 3P, Pilot + E	PC1 5-pole, 3P, Pilot + E	PC1 5-pole, 3P, Pilot + E
Electrical safety		Earth supervision, earth in cable screen, installed with a residual current device	Earth supervision, earth in cable screen, installed with a residual current device	Earth supervision, earth in cable screen, installed with a residual current device
Weight including oil	kg	45	45	45
Dimensions (LxWxH)	mm	695x402x352	695x402x352	695x402x352
Oil flow	l/min	38	38	38
Oil temperature	°C	20-60	20-60	20-60
Nominal working pressure	bar	120	120	120
Ambient temperature	°C	5-40	5-40	5-40
Pump type		Helical rotor pump, directly drive from the motor	Helical rotor pump, directly drive from the motor	Helical rotor pump, directly drive from the motor
Filtration		10 µ in return line. Filter by-pass valve	10 µ in return line. Filter by-pass valve	10 µ in return line. Filter by-pass valve
Cooling system		Water	Water	Water
Sound power level guaranteed (2000/14/EC) 1)	L <sub>w</sub> , dB(A)	90	90	90
Sound pressure level (ISO 11203) 1)	L <sub>p</sub> , r=1m	74	74	74
Part number		8311 0304 20	8311 0304 50	8311 0304 60



# COBRA DRILL AND BREAKERS

Atlas Copco





### Five reasons for petrol drill & breakers

To begin with, all Cobra™ machines are extremely portable; second, there's virtually no set-up time; third, it's really easy to start; fourth, the ergonomic design helps boost productivity; and last but not least, all Cobra™ machines are easy to service.

### Drill and breakers to-go

The Cobra™ range is a machine you can just grab and go. That's because it's petrol-driven, so you don't need any compressors, hoses or cables.

### Highest performance

The Cobra™ PROe range is the heavy hitter in the range. Clocking up an incredible 60 joules at the tool tip, it delivers almost twice the impact energy of other petrol-driven breakers on the market. In fact, it offers the same power-to-weight ratio as many pneumatic or hydraulic breakers, but without being tied down to a power source or hoses.

### Efficient ballast tamping

The Cobra™ TTe has been specially designed for tie tamping. It works at the relatively high frequency of 1620 blows/min and the impact energy has been optimized to prevent breaking the ballast.

### Multipurpose tool

Cobra™ Combi is not only a breaker, it's also doubles as a powerful drill. This multi-purpose machine can drill up to 30 cm per minute in solid granite and to depths of up to 2 metres, thanks to its built-in flushing device.





## MOTOR BREAKERS & DRILLS

### Applications:

- Drilling and breaking (Cobra™ Combi)
- Work on remote sites
- Breaking concrete
- Cutting asphalt
- Tamping and compacting
- Driving spikes, tubes, poles, ground rods and probes
- Digging ditches and holes
- Tie tamping

### Features:

- Easy to transport
- Quick set-up time
- HAPST™ Hand and

- Arm Protection System
- Low emissions
- Low noise

### Cobra™ PROe and TTe

- Adjustable handles
- Central oil lubrication
- High impact power

### Cobra™ PROe, TTe and Combi

- All models fully in compliance with latest American EPA, Phase 3 emission standard and related EU emission standards



Cobra™ petrol breakers		PROe	PROe	TTe	TTe	Cobra Combi
Weight	kg	23	24	23	24	25
Length x Depth	mm	877x331	927x331	877x331	927x331	732x281
Width across handles	mm	611	611	611	611	585
Impact energy	Joules	60	60	40	40	22-25
Blow frequency	bpm	1440	1440	1620	1620	2700
<b>Engine</b>						
Engine type	-	1 cylinder, 2-stroke				1 cylinder, 2-stroke
Cylinder displacement	cc	90	90	90	90	185
Power	kW	2 (at 5800rpm)	2 (at 5800rpm)	1,5 (at 6500 rpm)	1,5 (at 6500 rpm)	2 (at 2600 rpm)
Cooling system		Fan cooled				Fan cooled
Starter system		Recoil starter				Magnapull
Fuel type		Alkylat or 90–100 octane unleaded petrol				Petrol, 90-100 octane unleaded
Fuel capacity	l	1	1	1	1	1,2
Fuel mixture	%	2	2	2	2	2
Fuel consumption	l/hour	0,9	0,9	0,8	0,8	1,3-1,5
Alkylate		Yes	Yes	Yes	Yes	No
<b>Vibration &amp; sound</b>						
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	3,8	3,8	3,8	3,8	5,8 (breaking), 9,3 (drilling)
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	109	109	109	109	108
Sound pressure level (ISO 11203)	L <sub>p</sub> , r=1m, dB(A)	97	97	97	97	95
<b>Part number</b>						
Shank size 32x160	mm	-	8318 0701 01	-	8318 0701 11	-
Shank size 32x152	mm	-	8318 0701 03	-	8318 0701 13	-
Shank size 28x160	mm	-	8318 0701 05	-	8318 0701 15	-
Shank size 28x152	mm	-	8318 0701 07	-	8318 0701 17	-
Shank size 25x108 ISO 1)	mm	8318 0701 09	-	8318 0701 19	-	-
Shank size 22x108	mm	-	-	-	-	8318 0800 08

<sup>1)</sup> also available for US: PROe 8318 0701 41 and TTe 8318 0701 43

## FUEL INJECTED COBRA PRO I

### Applications:

- Work on remote sites
- Breaking concrete
- Cutting asphalt
- Tamping and compacting
- Driving spikes, tubes, poles, ground rods and probes
- Digging ditches and holes
- Tie tamping



### Features:

- Up to 30% savings on fuel, thanks to the optimal combustion process
- Optimal performance and up to 10 % more power at all working speeds
- Less routine maintenance yet stays in tune longer
- Improvement of cold or hot starting without risk of icing
- Always starts from sea level to high altitude

NEW Q2 2016

Cobra™ petrol breaker		Cobra PRO i
Weight	kg	24
Length	mm	927
Depth	mm	331
Width across handles	mm	611
Impact energy	Joules	60
Blow frequency	bpm	1.440
<b>Engine</b>		
Engine type		1 cylinder, 2-stroke
Cylinder displacement	cc	90
Power	kW	2 (at 5,800 rpm)
Cooling system		Fan cooled
Starter system		Recoil starter
Fuel type		Alkylat or 90 –100 octane unleaded petrol
Fuel capacity	l	1
Fuel mixture	%	2
Fuel consumption	l/hour	0.9
Oil type (Atlas Copco)		2-stroke oil or similar
Alkylate		Yes
<b>Vibration &amp; sound</b>		
Vibrations level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	3.8
Sound power level guaranteed (2000/14/EC)	L <sub>w</sub> , dB(A)	109
Sound pressure level (ISO 11203)	L <sub>p</sub> , r = 1 m, dB(A)	97

## COBRA ELECTRO

### Applications:

- Medium and hard material as asphalt and concrete

### Features:

- Is easy and simple to use, just plug in and start working
- Offers 62 % output efficiency, which is best in class
- Has the lowest weight among electric breakers, thus offers best power to weight ratio
- Is silent and works with low hand-arm vibration
- Does only require minimum maintenance

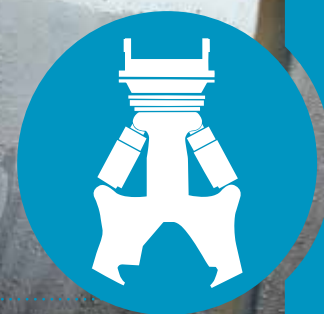


NEW Q3 2016

Cobra™ electro breaker		Cobra Electro
Weight	kg	23
Length	mm	800
Impact energy	Joules	60
Impact rate	bpm	1.440
Rated power	W	2.300
Rated voltage	V	230
Rated frequency	Hz	50
Rated output power	kW	1.4
Phases		1
Shank size	mm	25 x 108

# HYDRAULIC ATTACHMENT TOOLS FOR DECONSTRUCTION AND RECYCLING

Atlas Copco





### Extremely robust design

Our combi cutters and pulverizers are designed for hard and long-term use with high throughput performance and loads. They can absorb high forces and constant stresses.

### Hydraulic rotation

360° hydraulic devices for infinite rotation with overload protection are fitted as standard and provide excellent handling.

### High speed valves

Powerful cylinders with speed valves offer high breaking forces with short cycle times, thus enabling rapid progress and high productivity.

### Practical wear part concept

All products are fitted with easy-to-replace wear parts which can be renewed on site using simple tools. This helps to minimize service and maintenance downtimes.

### Two moving jaws concept

Our combi cutters are equipped with the proven system of two moving jaws, each powered by its own hydraulic cylinder. This offers constantly high breaking force over the entire breaking cycle.

### CAPS (Coupling And Positioning System)

Thanks to CAPS, the two cutter jaws can be fitted and removed as a modular unit (from CC1700 upwards). CAPS connects the jaws even after they have been removed and facilitates refitting through a special guide system. This means that it is possible to replace the cutter jaws quickly and easily on site.

#### *Silent Demolition Tools*



Download a QR reader and scan the code.





## CONCRETE BUSTER

### Applications:

- Developed for high reach deconstruction and heavy foundation work
- Made for cracking foundation walls with a thickness up to 900mm
- Ideal for high reach or long front carrier
- Primary cracking when noise is permitted

### Features:

- CB 2500 with a maximum jaw opening of its class: 1100 mm
- Cracking force of 100 tons

NEW Q2 2016

Concrete Buster		CB 2500
Carrier weight class	<i>t</i>	20 - 25
Service weight	<i>kg</i>	2,500
Weight without adapter	<i>kg</i>	2,250
Breaking force	<i>t</i>	1000
Jaw opening	<i>t</i>	1100
Jaw depth	<i>l/min</i>	750
Length	<i>bar</i>	2260
Width	<i>mm</i>	1560
Depth	<i>mm</i>	690
Blade length	<i>mm</i>	190
Operating pressure	<i>bar</i>	350
Oil flow	<i>l/min</i>	250
Cycle time	<i>s</i>	6.6



## STEEL CUTTERS

### Applications:

- For industrial deconstruction and scrap yards

### Features:

- Replaceable blades
- The SC range has a strong rotating headpiece, high dimensioned with a double-rowed slewing ring
- Auto – guiding system for the jaw



		NEW Q2 2016	NEW Q2 2016	NEW Q2 2016	NEW Q2 2016	NEW Q2 2016	NEW Q2 2016
Steel Cutter		SC 2500	SC 3600	SC 4500	SC 6200	SC 8300	SC 12500
Carrier weight class- Boom mounted	<i>t</i>	16	20	25	30	45	60
Carrier weight class- Stick mounted	<i>t</i>	21	32	38	50	65	110
Service weight	<i>kg</i>	2,750	4,030	4,880	6,860	9,060	13,310
Weight without adapter	<i>kg</i>	2,500	3,590	4,440	6,180	8,250	12,500
Max. cutting force	<i>t</i>	532	664	813	955	1,338	1995
Cutting force, jaw tip	<i>t</i>	130	156	168	201	242	332
Oil flow max.	<i>l/min</i>	240	450	450	450	750	960
Operating pressure	<i>bar</i>	350	350	350	350	350	350
Jaw opening, max	<i>mm</i>	445	607	750	782	947	1095
Jaw depth	<i>mm</i>	416	544	625	701	903	997
Part number		3363 1156 66	3363 1156 67	3363 1156 68	3363 1156 71	3363 1156 72	3363 1156 73

## SCRAP CUTTERS

For carriers from 2-4.5 t

### Applications:

- Cutting metal structures (girders, sheets, cables, rods)
- Demolition work with mini-excavators or demolition robots inside buildings and in contaminated areas (chemical plants, atomic power plants)

### Features:

- High cutting force along entire blade length
- 360° hydraulic rotation
- Short opening and closing times
- Solid, extremely resistant components
- Replaceable blades



Scrap cutters		SC 270	SC 600
Carrier weight class <sup>1)</sup>	<i>t</i>	4-5	5,5-6,5
Carrier weight class <sup>1)2)</sup>	<i>t</i>	2-3	3,5-4,5
Service weight <sup>3)</sup>	<i>kg</i>	385	645
Max. cutting force	<i>t</i>	102	138
Cutting force, jaw tip	<i>t</i>	36	46
Oil flow rate	<i>l/min</i>	60-100	90-120
Operating pressure	<i>bar</i>	250	300
Oil flow rate, rotation	<i>l/min</i>	max. 15	max. 20
Operating pressure, rotation	<i>bar</i>	100	100
Jaw opening, max	<i>mm</i>	185	245
Jaw depth	<i>mm</i>	170	290
Blade length	<i>mm</i>	160	240
Part number		8460 0100 10	3093 0400 62

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment. Mounted on excavator stick.

<sup>2)</sup> Mounted on excavator boom.

<sup>3)</sup> With medium-sized adapter.

## COMBI CUTTERS

For carriers from 2.5-16 t

### Applications:

- Light demolition work, e.g. narrow, lightly reinforced concrete elements, masonry
- Particularly effective for stripping out and reconstructing interiors

### Features:

- Good performance-to-weight ratio
- 360° rotation
- Replaceable blades



Combi cutters		CC 350	CC 650	CC 950
Carrier weight class <sup>1)</sup>	<i>t</i>	2,5-5	5-14	9-16
Service weight <sup>2)</sup>	<i>kg</i>	320	630	920
Weight without adapter	<i>kg</i>	280	-	-
Crushing force, jaw tip	<i>t</i>	40	45	55
Oil flow rate	<i>l/min</i>	50-90	90-180	90-180
Operating pressure	<i>bar</i>	300	350	350
Closing cycle <sup>3)</sup>	<i>s</i>	2,4	3,4	3,2
Opening cycle <sup>3)</sup>	<i>s</i>	2,8	2,6	3,0
Rotary drive		hydr.	hydr.	hydr.
Oil flow, rotation, max.	<i>l/min</i>	10	25	25
Operating pressure, rotation, max.	<i>bar</i>	170	210	210
Jaw opening, max	<i>mm</i>	380	450	650
Jaw depth	<i>mm</i>	220	270	330
Blade length	<i>mm</i>	90	140	140
Part number		3363 1124 47	3363 1042 21	3363 1119 49

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

<sup>3)</sup> With max oil flow

U = With universal jaws

## COMBI CUTTERS

For carriers from 15-35 t

### Applications:

- Cutting of masonry and reinforced concrete
- Reduction of steel and reinforcements

### Features:

- Short opening and closing times
- 360° hydraulic rotation
- Tandem cylinders
- Replaceable blades and teeth
- Exchangeable jaws
- Available with universal or steel cutting jaws
- CAPS Coupling And Positioning System



Combi cutters		CC 1700 U	CC 1700 S	CC 2500 U	CC 2500 S
Carrier weight class <sup>1)</sup>	<i>t</i>	15-25	15-25	22-35	22-35
Service weight <sup>2)</sup>	<i>kg</i>	1900	1750	2840	2550
Weight without adapter	<i>kg</i>	1760	1610	2610	2340
Cutting force, upper blades, max.	<i>t</i>	225	225	370	370
Cutting force, jaw tip	<i>t</i>	-	79	-	130
Crushing force, jaw tip	<i>t</i>	57	-	90	-
Oil flow rate	<i>l/min</i>	150-250	150-250	150-250	150-250
Operating pressure	<i>bar</i>	350	350	350	350
Closing cycle <sup>3)</sup>	<i>s</i>	1,6	1,6	2,9	2,9
Opening cycle <sup>3)</sup>	<i>s</i>	1,7	1,7	3,1	3,1
Oil flow, rotation, max.	<i>l/min</i>	35-50	35-50	35-50	35-50
Operating pressure, rotation, max.	<i>bar</i>	170	170	170	170
Jaw opening, max	<i>mm</i>	740	370	860	400
Jaw depth	<i>mm</i>	615	430	725	460
Blade length	<i>mm</i>	350	380	350	380
Part number		3363 0935 41	3363 0935 51	3363 0937 51	3363 0932 01

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

<sup>3)</sup> With max oil flow

U = With universal jaws

S = With steel cutting jaws



## COMBI CUTTERS

For carriers from 30-85 t

### Applications:

- Cutting of masonry and reinforced concrete
- Reduction of steel and reinforcements



### Features:

- Short opening and closing times
- 360° hydraulic rotation
- Tandem cylinders
- Replaceable blades and teeth
- Exchangeable jaws
- Available with universal or steel cutting jaws
- CAPS Coupling And Positioning System



NEW Q2 2016

Combi cutters		CC 3300 U	CC 3300 S	CC 5000 U	CC 5000 S	CC 6000 U	CC 6000 S
Carrier weight class <sup>1)</sup>	t	30-50	30-50	45-65	45-65	58-85	58-85
Service weight <sup>2)</sup>	kg	3480	3280	5050	4830	6500	6300
Weight without adapter	kg	3210	3010	4730	4510	5750	5610
Cutting force, upper blades, max.	t	510	510	620	620	830	830
Cutting force, jaw tip	t	-	141	-	198	-	205
Crushing force, jaw tip	t	109	-	155	-	180	-
Oil flow rate	l/min	220-350	220-350	350-450	350-450	450-550	450-550
Operating pressure	bar	350	350	350	350	350	350
Closing cycle <sup>3)</sup>	s	2,8	2,8	3,2	3,2	4,0	4,0
Opening cycle <sup>3)</sup>	s	3,0	3,0	3,7	3,7	4,0	4,0
Oil flow, rotation, max.	l/min	35-50	35-50	50	50	50	50
Operating pressure, rotation, max.	bar	170	170	115	115	115	115
Jaw opening, max	mm	1000	440	1300	720	1400	750
Jaw depth	mm	765	625	1090	865	1150	900
Blade length	mm	525	525	525	875	525	875
Part number		3363 0876 20	3363 0876 21	3363 0971 01	3363 0971 03	3363 0995 01	3363 0995 03

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

<sup>3)</sup> With max oil flow

U = With universal jaws

S = With steel cutting jaws

## BULK PULVERIZERS

For carriers from 18-40 t

### Applications:

- Secondary reduction and separation
- Secondary demolition of reinforced concrete structures
- Separation of concrete and rebar

### Features:

- Angled shape and broad jaw
- Short opening and closing times
- Optional 360 degree hydraulic rotation device



[www.youtube.com/atlascopcoconstruct](http://www.youtube.com/atlascopcoconstruct)

NEW Q2 2016

NEW Q2 2016

Bulk pulverizers		BP 2050	BP 2050 R	BP 3050	BP 3050 R
Carrier weight class <sup>1)</sup>	<i>t</i>	18-27	22-27	25-40	30-40
Service weight <sup>2)</sup>	<i>kg</i>	2050	2600	3050	3850
Weight without adapter	<i>kg</i>	1890	2360	2750	3440
Jaw opening / max.	<i>mm</i>	875	875	1020	1020
Jaw depth	<i>mm</i>	610	610	650	650
Width double jaw	<i>mm</i>	550	550	650	650
Width single jaw	<i>mm</i>	430	430	590	590
Blade length	<i>mm</i>	190	190	190	190
Cutting force – upper blades	<i>t</i>	290	290	365	365
Crushing force – jaw tip	<i>t</i>	90	90	115	115
Operating pressure	<i>bar</i>	350	350	350	350
Oil flow	<i>l/min</i>	150-250	150-250	250-350	250-350
Closing cycle <sup>3)</sup>	<i>s</i>	2,5	2,5	2,7	2,7
Opening cycle <sup>3)</sup>	<i>s</i>	2,9	2,9	2,9	2,9
Max. operating pressure, rotation	<i>bar</i>	-	170	-	170
Oil flow, rotation	<i>l/min</i>	-	35-50	-	35-50
Part number		3363 1115 84	3363 1119 73	3363 1117 15	3363 1119 60

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

<sup>3)</sup> With max oil flow





## DEMOLITION PULVERIZERS

For carriers from 18-35 t

### Applications:

- Primary deconstruction of reinforced concrete structures
- Secondary reduction and separation



### Features:

- 360° hydraulic rotation device
- Short opening and closing times
- Replaceable blades, teeth and tooth plates

Demolition pulverizers		DP 2000	DP 2800
Carrier weight class <sup>1)</sup>	t	18-27	25-35
Service weight <sup>2)</sup>	kg	2070	2930
Weight without adapter	kg	1930	2725
Jaw opening, max	mm	780	965
Jaw depth	mm	650	930
Width double jaw	mm	460	480
Width single jaw	mm	340	345
Blade length	mm	190	350
Cutting force, uppler blades	t	265	320
Crushing force, jaw tip	t	85	100
Operating pressure	bar	350	350
Oil flow	l/min	150-250	250-350
Closing cycle <sup>3)</sup>	s	4	4
Opening cycle <sup>3)</sup>	s	4	4
Max. operating pressure, rotation	bar	170	170
Oil flow, rotation	l/min	35-50	35-50
Demolition tooth plate		3363 0982 64	3363 0982 02
Part number		3363 0974 01	3363 0925 01

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

<sup>3)</sup> With max oil flow



## MULTI GRAPPLES

For carriers from 0.7-80 t



### Applications:

- Deconstruction (masonry, wooden structures)
- Sorting and loading

### Features:

- 360° hydraulic rotary device
- Grapple and wear parts made of carbon steel
- High grapple capacity
- Replaceable blades

Multi grapples		MG 100	MG 200	MG 300	MG 400	MG 500	MG 800
Carrier weight class <sup>1)</sup>	t	0,7-1,2	1,2-3	2-5	4-8	5-9	10-16
Service weight <sup>2)</sup>	kg	90	175	290	450	460	825
Max. closing force	t	0,6	1,5	2,0	2,3	2,4	3,8
Oil flow rate	l/min	15	25	35	40	35-50	70-100
Operating pressure	bar	300	300	300	300	300	350
Oil flow rate, rotation	l/min	3-5	5-10	5-10	10-15	10-15	20-25
Operating pressure, rotation	bar	150-170	150-170	150-170	150-170	150-170	190-210
Capacity	l	30	70	100	150	200	400
Jaw opening	mm	600	750	1100	1400	1500	1700
Grapple width	mm	300	450	500	600	700	800
Part number		1826 1017 61	1826 1017 62	1826 1017 63	1826 1017 64	1826 1017 65	1826 1017 66

Multi grapples		MG 1000	MG 1500	MG 1800	MG 2300	MG 2700	MG 3000	MG 5000
Carrier weight class <sup>1)</sup>	t	12-20	17-28	20-28	25-38	28-50	35-50	50-80
Service weight <sup>2)</sup>	kg	1150	1700	1800	2280	2750	3250	5300
Max. closing force	t	4,6	6,8	6,8	8	9	9	13
Oil flow rate	l/min	85-120	120-170	150-170	160-180	180-200	180-200	280-300
Operating pressure	bar	350	350	350	350	350	350	350
Oil flow rate, rotation	l/min	20-25	30-35	30-35	30-35	30-35	30-35	50-60
Operating pressure, rotation	bar	190-210	190-210	190-210	190-210	190-210	190-210	190-210
Capacity	l	500	800	850	900	1000	1300	1600
Jaw opening	mm	1950	2100	2100	2250	2230	2460	3000
Grapple width	mm	800	1000	1200	1200	1200	1500	1500
Part number		1826 1017 67	1826 1017 68	1826 1017 69	1826 1017 70	1826 1017 71	3363 1167 56	3363 1036 55

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter, without extra blades



## HYDRO MAGNETS

For carriers from 12-45 t

### Applications:

- Sorting
- Cleaning
- Loading

### Features:

- Ready in no time and cost-effective
- Faster and safer load cycles
- Easy to handle and maintain



Hydro Magnet		HM 1500F	HM 1500M	HM 2000F	HM 2000M
Service weight	kg		1550		2000
Weight without adapter	kg		1360		1650
Carrier weight	t		12-30		15-45
Generator performance	kW		13		
Magnet	MP/kW		8/6		11/9
Oil Flow	l/min		90-250		
Operating pressure	bar		120-350		
Return pressure (max)	bar		20		
Hole pattern			MB 1700		
Part number		3382 0600 00	3382 0601 00	3382 0602 00	3382 0603 00
Magnet plate			1060		1250
- thickness	mm		280		305
- weight	kg		780		1100
Magnet-cpl. height without adapter	mm	1.025	1.2302/ 1.5803	1.050	1.2552/ 1.60533
Tear-off-force	kg		11500		15000
Load capacity					
- Skelp block	kg		5750		7500
- Iron ball	kg		2600		3500
- Scrap 3A <sup>1)</sup>	kg		255		370
- Scrap 24 <sup>2)</sup>	kg		240		360
- Scrap 40 <sup>3)</sup>	kg		120		190
- Pig iron	kg		280		410

<sup>1)</sup> Scrap 3A = 2,2+2,5 T/m<sup>3</sup>

<sup>2)</sup> Scrap 24 = 1,9+2,0 T/m<sup>3</sup>

<sup>3)</sup> Scrap 40 = 0,8+1,0 T/m<sup>3</sup>



## BUCKET CRUSHERS

For carriers from 22-60 t

### Applications:

- On-site crushing of inert demolition material like asphalt, stone and concrete debris as well as mine and quarry material

### Features:

- Quick and easy adjustment
- Reversible running direction
- Big volume and large bucket aperture
- Automatic anti-lock mechanism



		NEW Q2 2016	NEW Q2 2016	NEW Q2 2016
Bucket crushers		BC 2500	BC 3700	BC 6000
Carrier weight class <sup>1)</sup>	<i>t</i>	22-30	28-38	37-60
Weight without adapter	<i>kg</i>	2670	4000	6450
Oil flow	<i>l/min</i>	160-180	180-200	300
Operating pressure	<i>bar</i>	250	250	320
Dimensions (WxLxH)	<i>cm</i>	80 x 246,5 x 150	94 x 257,5 x 160	127,5 x 327 x 176
Loading opening (WxH)	<i>mm</i>	730x420	900x420	110x420
Loading capacity	<i>m<sup>3</sup></i>	0,8	1	1
Output adjustment	<i>mm</i>	20-140	20-140	20-210
Part number		3363 1179 88	3363 1179 89	3363 1179 90

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter, without extra blades



**HYDRAULIC ATTACHMENTS  
TOOLS FOR DECONSTRUCTION  
AND EARTHMOVING**

*Atlas Copco*



# HYDRAULIC BREAKERS

## Features optimizing productivity

Automatic stroke-length switching AutoControl<sup>3)</sup>

- optimizes the output performance
- reduces strain of idle blows

EnergyRecovery system<sup>4)</sup>

- provides additional impact performance without increasing the hydraulic input
- reduces vibration exposure to carrier and operator

## Features protecting investment, operator & environment

Breaker box guiding system VibroSilenced Plus<sup>1)</sup>

- reduces noise level
- reduces vibration exposure to carrier and operator

Built-in overload protection PowerAdapt<sup>6)</sup> and Pressure Relieve Valve<sup>5)</sup>

- prevents overloading of the breaker
- protects the investment

Start-up mode adjusting system StartSelect™<sup>8)</sup>

- AutoStart simplifies handling
- AutoStop prevents against idle blows

## Features minimizing maintenance cost

Automatic lubrication system ContiLube™ II<sup>1)</sup> and ContiLube™ II micro<sup>2)</sup>

- eliminates regular manual greasing intervals
- provides optimum level of lubrication



Floating bushing and patented tool locking system<sup>5)</sup>

- easy and fast replacement of working tools and bushing in the field
- reduces downtimes and repair cost

Compact SolidBody design<sup>5)</sup>

- simplifies handling
- reduces downtimes and repair cost by eliminating the need of tensioning bolts and damping elements

Active two-stage sealing system DustProtector II<sup>7)</sup>

- extends lifetime of components by preventing dust entering the tool guiding area
- reduces grease consumption

Integrated maintenance-free accumulator with patented diaphragm design<sup>5)</sup>

- increases reliability
- reduces downtimes and repair costs

<sup>1)</sup> Optional on SB 702 - SB 1102, Standard on MB 750 – HB 10000

<sup>2)</sup> Optional on SB 52 – SB 552

<sup>3)</sup> Standard on MB 1000 – HB 10000

<sup>4)</sup> Standard on SB 52 – HB 10000

<sup>5)</sup> Standard on SB 52 – SB 1102

<sup>6)</sup> Standard on HB 2000 – HB 10000

<sup>7)</sup> Optional on MB 750 – HB 7000, Standard on HB 10000

<sup>8)</sup> Standard on MB 1200 – HB 10000

*Small breakers, Medium breakers, Heavy breakers*



Download a QR reader and scan the code.



## SB HYDRAULIC BREAKERS

For carriers from 0.7-24 t



### Applications:

- Scaling
- Secondary rock breaking
- Deconstruction & renovation
- Trenching
- Gardening & landscaping
- Cleaning & debricking in metallurgical industry
- Water & air flushing port
- Double tool retainer bars
- Integrated maintenance-free accumulator
- Internal control valve

### Features:

- SolidBody design
- EnergyRecovery
- AutoStart
- Pressure relieve valve
- Floating bushing and patented tool locking system

### Options:

- ContiLube™ II micro/ContiLube™ II
- Scaler version (SB 302 and SB 452)



NEW Q2 2016

SB hydraulic breakers		SB 52	SB 102	SB 152	SB 202	SB 302	SB 452	SB 552	SB702	SB 1102
Carrier weight class <sup>1)</sup>	<i>t</i>	0,7-1,1	1,1 - 3	1,9 - 4,5	2,5 - 6	4,5 - 9	6,5-13	9 - 15	10 - 17	13 - 24
Service weight <sup>2)</sup>	<i>kg</i>	55	90	140	200	300	440	520	720	1060
Working tool diameter	<i>mm</i>	40	45	50	65	80	95	100	105	120
Max. hydraulic input power	<i>kW</i>	7	9	11	17	20	25	29	34	40
Oil flow rate	<i>l/min</i>	12-27	16-35	25-45	35-65	50-80	55-100	65-115	80-120	100 - 135
Operating pressure	<i>bar</i>	100-150	100-150	100-150	100-150	100-150	100-150	100-150	120-170	130-180
Impact rate	<i>bpm</i>	750-1700	750-2300	850-1900	850-1800	600-1400	550-1250	650-1150	600-1050	550 - 850
Sound power level guaranteed (Silenced versions) <sup>3)</sup>	<i>dB(A)</i>	117	115	114	118	119	122	126	122	123
Part number - Standard version (Silenced)		8460 0300 10	8460 0300 30	8460 0300 40	8460 0300 50	8460 0300 60	8460 0300 70	8460 0300 80	8460 0300 85	8460 0300 90

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Breaker with standard adapter plus working tool and screw kit.

<sup>3)</sup> Important: EN ISO 3744 in accordance with directive 2000/14/EC.

## MB HYDRAULIC BREAKERS

For carriers from 10-32 t

### Applications:

- Overburden removal
- Secondary rock breaking
- Deconstruction
- Rock excavation
- Foundation work
- Trenching
- Cleaning & debricking in metallurgical industry
- Percussion chamber ventilation
- Air flushing port
- Double tool retainer bars
- Vibration damping tensioning bolt
- Internal control valve

### Features:

- ContiLube™ II
- EnergyRecovery
- VibroSilenced Plus
- AutoControl (MB 1000–MB 1700)
- StartSelect (MB 1200–MB 1700)

### Options:

- DustProtector II
- Installation kit for underwater applications
- Hydraulic compressor & installation kit for tunnel applications



MB hydraulic breakers		MB 750	MB 1000	MB 1200	MB 1500	MB 1700
Carrier weight class <sup>1)</sup>	<i>t</i>	10-17	12-21	15-26	17-29	19-32
Service weight <sup>2)</sup>	<i>kg</i>	750	1000	1200	1500	1700
Working tool diameter	<i>mm</i>	100	110	120	135	140
Max. hydraulic input power	<i>kW</i>	34	39	42	46	51
Oil flow rate	<i>l/min</i>	80-120	85-130	100-140	120-155	130-170
Operating pressure	<i>bar</i>	140-170	160-180	160-180	160-180	160-180
Impact rate	<i>bpm</i>	370-840	350-750	340-680	330-680	320-640
Start up mode		AutoStart	AutoStart	StartSelect	StartSelect	StartSelect
Stroke-length switching		-	AutoControl	AutoControl	AutoControl	AutoControl
Sound power level guaranteed (Non-Silenced versions) <sup>3)</sup>	<i>dB(A)</i>	123	125	121	127	123
Part number - Essential version (Non-Silenced)		3363 1140 58	3363 1140 50	3363 1140 59	3363 1140 54	3363 1140 55
Sound power level guaranteed (Silenced versions) <sup>3)</sup>	<i>dB(A)</i>	117	119	117	120	121
Part number - Standard version (Silenced)		3363 1007 39	3363 0887 85	3363 0904 41	3363 0991 01	3363 0904 49
Part number - DustProtector version (Silenced)		3363 1046 81	3363 0887 87	3363 0904 43	3363 0991 39	3363 0904 51

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Breaker and breaker box with standard adapter plus working tool and screw kit.

<sup>3)</sup> Important: EN ISO 3744 in accordance with directive 2000/14/EC.

## HB HYDRAULIC BREAKERS

For carriers from 22-140 t



### Applications:

- Secondary rock breaking
- Primary rock breaking
- Deconstruction
- Rock excavation
- Foundation work
- Tunneling
- Dredging
- Air flushing port
- Double tool retainer bars
- Vibration damping tensioning bolt
- Internal control valve

### Features:

- ContiLube™ II
- EnergyRecovery
- VibroSilenced Plus
- PowerAdapt
- AutoControl
- StartSelect
- Percussion chamber ventilation

### Options:

- DustProtector II
- Installation kit for underwater applications
- Hydraulic compressor & installation kit for tunnel applications
- Lower bushing configuration - steel or bronze



HB hydraulic breakers		HB 2000	HB 2500	HB 3100	HB 3600	HB 4100	HB 4700	HB 5800	HB 7000	HB 10000
Carrier weight class <sup>1)</sup>	<i>t</i>	22-38	27-46	32-52	35-63	40-70	45-80	58-100	70-120	85-140
Service weight <sup>2)</sup>	<i>kg</i>	2000	2500	3100	3600	4100	4700	5800	7000	10000
Working tool diameter	<i>mm</i>	145	155	165	170	180	190	200	210	240
Max. hydraulic input power	<i>kW</i>	57	66	81	90	96	108	117	135	159
Oil flow rate	<i>l/min</i>	150-190	170-220	210-270	240-300	250-320	260-360	310-390	360-450	450-530
Operating pressure	<i>bar</i>	160-180	160-180	160-180	160-180	160-180	160-180	160-180	160-180	160-180
Impact rate	<i>bpm</i>	300-625	280-580	280-560	280-560	280-550	280-540	280-480	280-450	250-380
Sound power level guaranteed (Silenced versions) <sup>3)</sup>	<i>dB(A)</i>	120	121	120	123	124	126	121	121	123
Part number with steel bushing	<i>Standard</i>	3363 1027 61	3363 0926 91	3363 1056 51	3363 1003 01	3363 1126 55	3363 1027 51	3363 0904 73	3363 0904 81	-
	<i>DustProtector</i>	3363 1044 17	3363 0938 71	3363 1056 49	3363 1007 79	3363 1125 32	3363 1044 61	3363 0904 75	3363 0904 83	3363 1003 91
Part number with bronze bushing	<i>Standard</i>	3363 1168 56	3363 1168 58	3363 1168 60	3363 1168 62	3363 1168 65	3363 1168 67	3363 1168 69	3363 1168 71	-
	<i>DustProtector</i>	3363 1168 57	3363 1168 59	3363 1168 61	3363 1168 63	3363 1168 66	3363 1168 68	3363 1168 70	3363 1168 72	3363 1168 74

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Breaker and breaker box with standard adapter plus working tool.

<sup>3)</sup> Important: EN ISO 3744 in accordance with directive 2000/14/EC.



## DRUM CUTTERS

For carriers from 1-50 t

### Applications:

- Trenching
- Tunneling
- Scaling
- Rock excavation
- Foundation work
- Deconstruction

### Features:

- High torque gear motor
- Optimized pick pattern
- Special pick locking system  
"Quick snap"  
(from DC 1000 on)
- Pick boxes with exchangeable wear sleeves  
(from DC 2000 on)
- Robust housing with Hardox wear protection
- Mechanical 360° rotation
- Lubrication-free



[www.youtube.com/atlascopcoconstruct](http://www.youtube.com/atlascopcoconstruct)



Drum cutters		DC 200	DC 400	DC 600	DC 1000	DC 1200	DC 2000	DC 2100	DC 2900
Carrier weight class <sup>1)</sup>	<i>t</i>	1-3	3-7	8-15	10-18	15-23	20-35	25-40	35-50
Operating weight <sup>2)</sup>	<i>kg</i>	200	400	600	1000	1200	2000	2100	2900
Weight without adapter	<i>kg</i>	140	310	470	820	1000	1750	1850	2600
Nominal Power	<i>kW</i>	18	30	45	65	80	120	120	160
Oil flow rate	<i>l/min</i>	30-60	50-90	75-125	110-170	140-250	190-320	190-320	275-410
Maximum operating pressure	<i>bar</i>	350	350	350	350	350	350	350	350
Rotational speed	<i>rpm</i>	115-235	90-160	80-135	60-90	60-110	60-110	45-85	55-85
Pick speed	<i>m/s</i>	1,6-3,1	1,5-2,7	1,7-2,8	1,8-2,7	1,8-3,3	2,1-3,6	1,6-2,7	2,0-2,9
Number of picks	<i>pc</i>	60	64	44	48	48	44	48	56
Maximum Cutting force@350 bar	<i>kN</i>	12,6	17,8	26,0	36,2	48,7	52,2	69,9	81,8
Maximum Torque@350 bar	<i>kNm</i>	1,4	3,1	5,2	10,4	14,0	17,5	23,4	27,8
Maximum rock hardness	<i>MPa</i>	20	25	40	50	60	70	80	100
Part number		3363 1155 28	3363 1155 29	3363 1155 30	3363 1155 31	3363 1155 32	3363 1155 33	3363 1155 34	3363 1155 35

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment

<sup>2)</sup> Drum Cutter with standard adapter



## HYDRAULIC COMPACTORS

For carriers from 1-40 t

### Applications:

- Trench and soil compaction
- Driving sheeting and pilings
- Extracting



### Features:

- Plug and play – no special installation required
- Housing is offset by 15 degrees – for better force distribution and less stress and wear
- Integrated input flow and pressure control to prevent overload
- Flat top mounting base for versatility
- Practically maintenance free thanks to PermanentLube, the permanent bearing lubrication device

### Options:

- Rotation kits (HC 350 – HC 1050)
- Backfill blades (HC 450 – HC 1050)



Hydraulic compactors		HC 150	HC 350	HC 450	HC 850	HC 1050
Carrier weight class <sup>1)</sup>	<i>t</i>	1-3	3-8	4-9	9-20	20-40
Service weight <sup>2)</sup>	<i>kg</i>	160	320	430	880	1130
Oil flow	<i>l/min</i>	30	57	76	114	151
Operating pressure	<i>bar</i>	150	150	150	150	150
Vibrating force	<i>t</i>	1,4	2,3	3,6	7,3	10,5
Vibrating frequency	<i>n/min</i>	2100	2100	2200	2200	2200
Plate dimensions (WxL)	<i>mm</i>	295x721	475x846	610x929	710x1272	864x1364
Plate coverage	<i>m<sup>2</sup></i>	0,17	0,31	0,40	0,68	0,90
Height	<i>mm</i>	486	623	622	764	786
Part number		1826 1017 46	1826 1017 47	1826 1017 48	1826 1017 49	1826 1017 50

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Compactor with medium-sized adapter.

## POSTHOLE BORER

For carriers from 1-3 t

### Applications:

- Soil drilling preparations for
  - Fence posts
  - Planting holes
  - Signpost holes

### Features:

- Robust design
- Quick & easy auger exchange
- Adjustable rotation speed
- Standard connection ½" BSP

### Options:

- Oil flow divider
- Various auger types
  - Hole diameters from 90 – 350 mm
  - Hole depth up to 1500 mm



## GENERAL INFORMATION

Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components. We reserve the right to change the specifications and design of products described in this literature without notice. Not all products are available in all markets.

### **IMPORTANT**

Full details of measurement are available in the Safety and Operating Instruction of the product. Can be found on [www.acprintshop.com](http://www.acprintshop.com)

Posthole borer		LPHB-M
Carrier weight class <sup>1)</sup>	<i>t</i>	1 – 3
Weight	<i>kg</i>	31
Max. hydraulic input	<i>kW</i>	14
Oil flow	<i>l/min</i>	20 – 60
Operating pressure	<i>bar</i>	100 – 140
Rotational speed	<i>rpm</i>	80 – 200
Torque@140 bar	<i>Nm</i>	450
Part number – Drive unit		1826 1014 37

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.



## ***COMMITTED TO SUSTAINABLE PRODUCTIVITY***

We stand by our responsibilities towards our customers,  
towards the environment and the people around us.  
We make performance stand the test of time.  
This is what we call – Sustainable Productivity.

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The Atlas Copco logo consists of the brand name in a stylized, italicized serif font, centered between two horizontal bars. The top bar is a solid blue rectangle, and the bottom bar is a white rectangle with a blue border.

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