



CONCRETE SURFACE EQUIPMENT

Amplify your talent

Atlas Copco



WHERE QUALITY BEGINS

Everyone knows a good surface when they see it. But only an expert knows what it takes to make it shine.

Creating quality all comes down to listening to people who know about their work, about the material and the equipment. We have been listening to talented people since the 1930s when it all began.

Now we are listening to you.

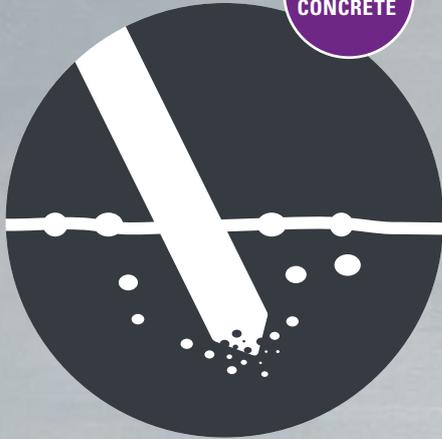
We know that you need reliable tools, because with concrete there is no room for errors. Reliability also means more work done in shorter time. To put it simply, our tools get the work done on time and in budget. Safety is all-important to you, which means it is everything to us. And

it's there, from the first line on the drawing board to the delivery of a finished product.

So now that you know what's under our surface, let's talk business.

THE QUALITY PROCESS

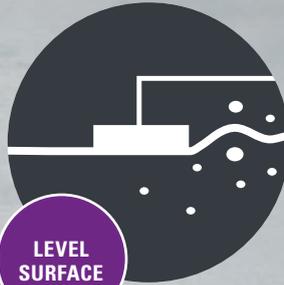
Read more about it on page 5-7.



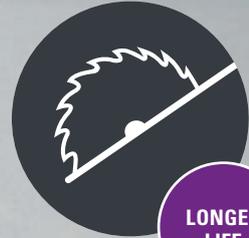
STRONGER
CONCRETE



SMOOTHER
CONCRETE



LEVEL
SURFACE



LONGER
LIFE



AMPLIFY YOUR TALENT

This guide helps you find the right tool for the right task – tools that help you deliver in every step of the way.

Good tools are an investment in your abilities and your customer satisfaction. Every component, material and function have been considered to make your work safer and more efficient. Basically, we are here to help you in every step of the

way: from vibration and leveling to finishing and cutting.

This brochure focuses on concrete surface equipment. However, a great surface also needs good vibration equipment. For more information

about these products please refer to Atlas Copco Concrete Equipment: Vibration range.

And if you want to know more about the quality process, just turn the page.



THIS IS QUALITY

We want your creations to last for a long time. This is how to do it.

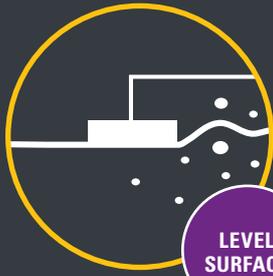
THE QUALITY PROCESS



STRONGER CONCRETE

STEP 1: REMOVE AIR WITH VIBRATIONS

Vibration helps you remove the air voids from freshly poured concrete. It increases the density and makes the finished concrete stronger. Depending on the depth and slump of the concrete, you can accomplish it with a poker, screed or external vibrator. We offer a wide range of high performance pokers and external vibrators. You can find them all in the Atlas Copco concrete vibration brochure (9800 1358 01).



LEVEL SURFACE

STEP 2: LEVELING AND VIBRATION IN ONE

In most situations you have to level the concrete to create an even surface. One or two screeding passes with a surface vibrator alone is often enough on single reinforced slabs. We offer screeds with both surface and depth vibration that can handle both big and small challenges.

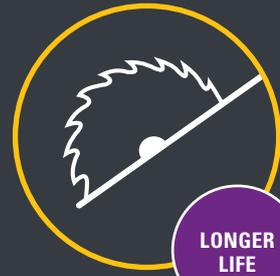


SMOOTHER CONCRETE

STEP 3: SMOOTHER MEANS HARDER

Once the concrete reaches a plastic state, power trowels are used to remove irregularities from the screeded surface. The trowels will also create a smooth finish that further strengthens the concrete. Our trowels can handle the entire process, from power-floating to troweling.

During the floating process, the final layer of concrete is spread evenly with a spreader wagon. The floor gets stronger and you can add concrete floor colour in the process.



LONGER LIFE

STEP 4: CUTTING CONTROLS CRACKS

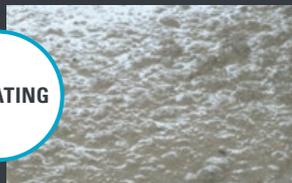
After the concrete is dry, the final step is to cut expansion joints to control where the concrete will crack as the soil underneath expands and contracts. Our cutting saws offer a maximum cutting depth of 153 mm. They can also be used in asphalt cutting for road maintenance.

KNOW YOUR CONCRETE



VIBRATING

When the concrete is first poured into the form it is rough and contains air voids.



Now the concrete has been vibrated with a poker and the air voids have been removed.

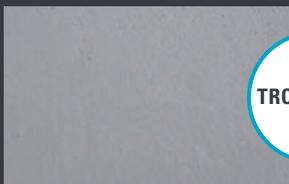


LEVELING

Most air voids are now filled, but the concrete is still rough from pouring and internal vibration.



A screed levels the concrete. Selected screed models vibrate the concrete to a depth of 200 mm.

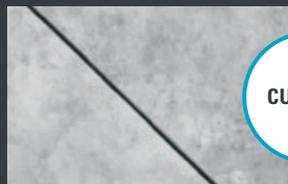


TROWELING

The concrete is now rough, but level and free of air voids.

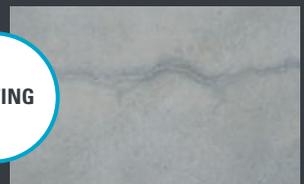


With a power trowel you add both finish and strength.



CUTTING

With cutting: The cracks are controlled, because the concrete has been cut with a floor saw to allow for expansion and contraction.



Without cutting: The concrete is subject to substantial, uncontrolled cracking.

EVERY STEP OF THE WAY

Find the right tool for the right task – from vibration and leveling to finishing and cutting.



	Pokers	Walk-behind screeds	Double beams	Modular screeds	Electrical trowels	Petrol trowels	Ride-on trowels	Spreader wagon	Cutters
Civil engineering	●	-	-	●	-	●	●	-	●
Contractor	●	●	●	-	●	●	●	●	●
Rental	●	●	●	●	●	●	●	●	●
Housing	●	●	●	-	●	●	●	●	●
Flooring	●	●	●	●	●	●	●	●	●
Precast	●	-	●	-	●	-	-	●	-

● Suitable - Unsuitable



Purpose	Process	Concrete state	Pokers	BV20H Walk-behind screed	BV30 Walk-behind screed	
Strengthen the concrete by removing the air voids	Internal vibration	Wet	●	-	-	
Strengthen the concrete by removing the air voids & bring cement milk against the form	Exposed concrete vibration	Wet	●	-	-	
Level the surface according to specifications	Surface leveling without vibration	Wet	-	●	-	
Strengthen the concrete by removing the air voids	Surface vibration down to 100 mm	Wet	-	-	●	
Strengthen the concrete by removing the air voids	Surface vibration down to 150 mm	Wet	-	-	-	
Strengthen the concrete by removing the air voids	Surface vibration down to 180 mm	Wet	-	-	-	
Strengthen the concrete by removing the air voids	Surface vibration down to 200 mm	Wet	-	-	-	
Level the surface according to specifications	Floating	Plastic	-	-	-	
Spread solid chemical on top of the surface during the power floating process (ex. hardeners or colored pigments)	Topping spreading	Plastic	-	-	-	
Remove irregularities from the screeded surface and strengthen it (compaction) & give the surface a smooth finish and high strength	Troweling	Plastic	-	-	-	
Control where slab will crack when drying	Cut expansion joints	Dry	-	-	-	



	BV20G/E Walk-behind screed	BD Double Screed	SVE/SVG Modular screed	BT90 Modular screed	Trowels	Ride-on trowels	Spreader wagon	Floor saw
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	●	●	●	●	-	-	-	-
	●	●	●	●	-	-	-	-
	-	●	●	●	-	-	-	-
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	-	-	-	-	-	-	●	-
	-	-	-	-	●	●	-	-
	-	-	-	-	-	-	-	●

● Suitable - Unsuitable

DON'T LET CORNERS HOLD YOU BACK

Small jobs can be just as challenging as big ones. Our BG245 trowel will help you in those confined, hard-to-work areas.

The BG245 is an easy-to-carry trowel with safety features to match its power and efficiency. The blade diameter is just 600 mm and the edges of the cast rotating protection ring is clad in rubber. Together the features allow you to reach far into corners, close to walls and near other obstacles.

Thanks to the quick pitch control, it is

easy to adjust the blade angle and the variable speed lets you start troweling fast. Variable speed makes it possible to do both high speed burnishing and low speed, high torque floating.

You can choose from both electrical and petrol powertrains. The petrol version has a powerful 4-stroke Honda or Briggs & Stratton-engine and high quality gearbox. Hand/arm

vibration is reduced in both models, but vibrations are exceptionally low with the electrical model. Safety is always top-of-mind, for you and for us. That is why we invented the Quick Stop function. The technology disconnects the drive train from the engine. As soon as the operator lets go of the dead man's grip, the blades immediately stop rotating.



Edger trowels		BG245		BG245	BG245
Protection ring diameter	mm	615	615	615	615
Operating weight	kg	61	60	61	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

Engine

Engine brand		Honda	Honda	Briggs & Stratton	-
Model		GX120	GX120	550 series	-
Power	hp	4.0	4.0	4.0	1.5 (input)
Fuel		Petrol	Petrol	Petrol	Electric
Voltage		-	-	-	230V-1-50Hz
Fuel tank capacity	l	2.5	2.5	2.5	-
Vibration value	m/s ²	6.2	6.2	6.2	3.7
Sound power level, guaranteed	L _{wa} dB(A)	100	100	100	104
Sound pressure level at operator's position	L _{pA} 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

Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

BG245 Easy handling

Sizes that fit all

The adjustable handle and smooth belt clutch engagement make the BG245 a joy to handle.



SAVE TIME

Get a move on!

Our variable speed trowels lets you do low speed, high torque floating and high speed burnishing – all with the same machine.

Time saving options

Transportation wheels and quick tilt makes for fast transports and rapid blade changing.



Two ways of adjusting blade angle: a classic knob of the twist-pitch for stepless adjustment or the userfriendly quick pitch handle with eight fixed positions.

QUICKSTOP*



MAXIMUM SAFETY



No spinning

The Quick Stop function disconnects the drive train from the engine and the blades immediately stop rotating when the operator lets go of the dead man's grip. See page 11 for further information.

Fold it

A foldable handle is an easy way to save cargo space and load handling-time during transport.

Easy maintenance

The service support/carrying handle makes service and maintenance smooth. All parts exposed to wet concrete are easy to clean.

Accessories		Floating Disc	Trowel-blade	Transportation wheels
Blade arm type		-	Bolt-on	-
Diameter	mm	610	-	-
Pcs/ pack		1	4	2
Part number		4700 0330 81	4700 0489 68	3382 0105 72

* For immediate halt of rotating tool.

TROWEL OF POWER

Walk-behind trowels don't get much more powerful. Or safe.

This high capacity trowels have 900 to 1,200 mm trowel diameters and power outputs from 5.5 to 9 hp, delivered by high quality Honda engines and a reliable gearbox.

An adjustable handle with two different lengths makes work comfortable and safe. Thanks to great design the handle is both stable and lets you reach all controls directly. A simple but effective belt clutch

system enables variable speed, which means troweling can start earlier.

Variable speed allows for floating at low speed, high torque and polishing at high speed. These are powerful machines, which means you need powerful protection.

The Quick Stop function stops the rotation immediately after the dead mans grip has been released.

A large carrying handle is bolted to the protection ring. The handle also

acts as a support when the machine is tilted forward for maintenance, cleaning or changing blades.

The newly developed centrifugal clutch allows the operator to work the power-trowel with only a soft grip on the dead man's switch. The clutch stops the machine from spinning within the 180-200° range, effectively meeting the 2015 CE regulations.



Power trowels		BG375						BG475		
Protection ring diameter	mm	950	950	950	950	950	950	1,200	1,200	1,200
Operating weight	kg	87	87	84	88	93	102	93	102	80
Blade diameter	mm	900	900	900	900	900	900	1,140	1,140	1,140
Disc diameter	mm	945	945	945	945	945	945	-	-	-
Floating blade diameter	mm	945	945	945	945	945	945	1,160	1,160	1,160
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 Vibro-reduced	Foldable Vibro-reduced	Straight Fixed	Foldable Vibro-reduced	Long Foldable	Long Foldable	Foldable Vibro-reduced	Long Foldable	Straight Fixed
Pitch control		Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch	Twist-Pitch
Clutch type		Centrifugal	Belt Clutch	Centrifugal	Centrifugal	Belt Clutch	Belt Clutch	Centrifugal	Belt Clutch	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	Bolt-on	Bolt-on	Bolt-on					

Engine

Engine brand		Honda	Honda	Briggs & Stratton	Honda	Honda	Honda	Honda	Honda	Briggs & Stratton
Model		GX160	GX160	750 series	GX200	GX200	GX270	GX270	GX270	1,450 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 ²	3.5	3.5	4.8	3.5	3.5	3.5	3.5	3.5	6.5
Sound power level, guaranteed	Lwa dB(A)	106	106	106	106	106	106	106	106	106
Sound pressure level at operator's position	LpA 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 BC 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

Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

BG375 Powerful and safe

Enjoy the power

The vibro reduced and height adjustable handle is equipped with ergonomically assembled controls and smooth clutch engagement.

Durable in every detail

Every single component in our trowels is picked for durability and efficiency.

EFFICIENCY AND COMFORT

QUICKSTOP*

When you let go of the dead man's grip the trowel stops. At once.

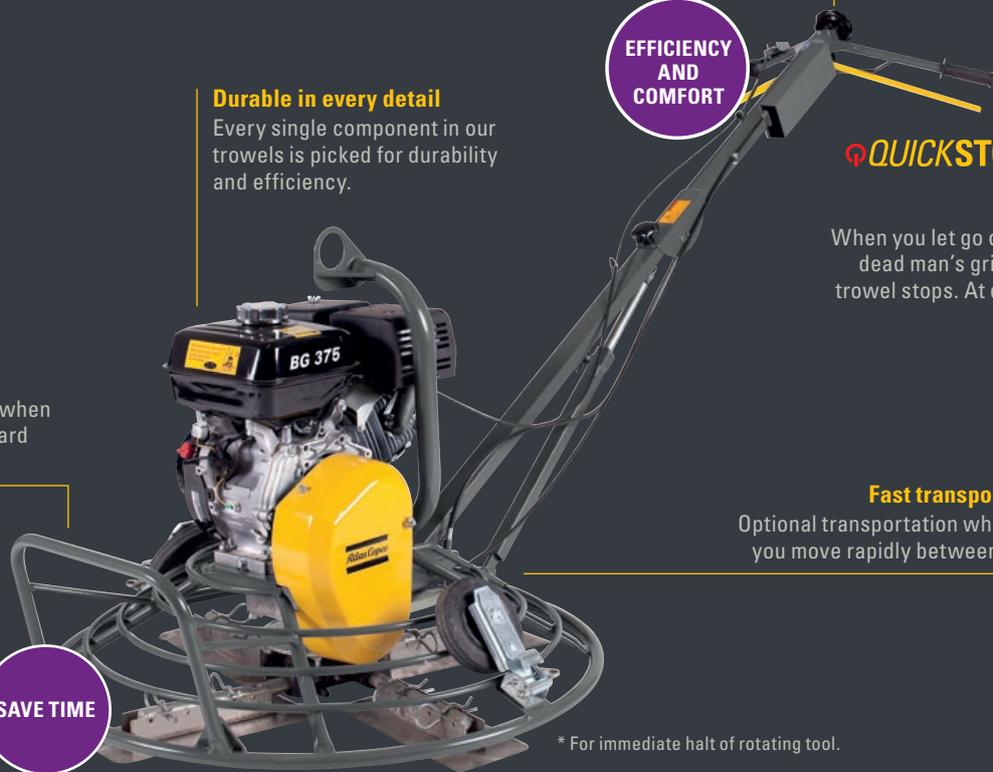
Get a grip

The support and carrying handle acts as a support when you tilt the machine forward during maintenance.

Designed for easy cleaning

All parts exposed to wet concrete are easy to clean.

SAVE TIME



Fast transportation

Optional transportation wheels let you move rapidly between tasks.

* For immediate halt of rotating tool.



QUICKSTOP

On conventional trowels the handle can move up to one and a half turn before stopping. Our trowels stop immediately when you let go of the dead man's grip. Quick Stop disengages the drive train from the powertrain, which makes rotation impossible.

Accessories - BG375	Floating disc	Thick disc (3 mm)	Floating blades	Smoothing blades		Wheel kit
Blade arm type	-	-	-	Bolt-on	Clipped-on	-
Diameter	945	945	-	-	-	-
Pcs/ pack	1	1	4	4	4	2
Part number	4700 0319 37	4700 0330 36*	3382 1000 60	3382 1000 59	4700 0022 55	3382 0105 73

Accessories - BG475	Floating blades	Smoothing blades	Wheel kit
Blade arm type	-	Bolt-on	-
Diameter	-	-	-
Pcs/ pack	4	4	2
Part number	4700 0117 58	3382 1000 71	3382 0105 73

* Extra thick plate, 3 mm.

A BIG TROWEL IN A COMPACT BODY

Switch troweling diameter in seconds thanks to Quick Release. The BG Combi is our most user friendly and versatile trowel.

The BG Combi is a versatile trowel in a compact body. Spring lock blade fastening makes switching machine trowel diameters between 850, 915 and 1,020 mm quick and easy. Adjusting the transmission or switching blades, is quick and easy. The protection rings – 850 and 1,020 mm – are interchangeable and have steel wire netting for optimum visibility.

As a safety measure, the trowel can't start when the protection ring is not mounted.

Work is comfortable thanks to great balance and the possibility to adjust the blade angles from the steering handle. And you can choose from two speeds via the speed selector. The phase inverter makes it easier to adjust the trowel to different work

conditions. Together with the spring clutch it also prevents the BG Combi from going in the wrong direction. The BG Combi features a lifting hook and transportation wheels as standard.

Add a reliable gearbox and protected electric wiring inside the adjustable, foldable handle and you have a great trowel in a small body.

Combi trowels		BG Combi	BG Combi
Protection ring diameter	mm	850	1,020
Operating weight	kg	88	90
Blade diameter	mm	850/915/980	850/915/980
Disc diameter	mm	865/965/1,015	865/965/1,015
Blade speed	rpm	60/120	60/120
Number of blades		4	4
Type of handle		Long	Long
Pitch control		Twist-Pitch	Twist-Pitch
Lifting hook		Standard	Standard
Transport wheels		Standard	Standard
Blade arm type		Quick release	Quick release

Engine

Engine		400V-3-50/60 Hz	400V-3-50/60 Hz
Low/High speed input power	kW (hp)	1.6 (2.4)	1.6 (2.4)
Vibration value	m/s ²	1.4	1.4
Sound power, guaranteed	Lwa dB(A)	94	94
Sound pressure at operators ear	LpA dB(A)	77	77
Model code		E-L-TP	E-L-TP
Part number		3382 01 08	3382 01 09

Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

* For use with protection ring 1,020 mm.

Accessories Ø1020	Floating disc		Thick disc (3 mm)	Smoothing blades	Spare ring	Accessories Ø850	Floating disc	Smoothing blades	Spare ring
Blade arm type	-	-	-	Clipped-on	-	Blade arm type	-	Bolt-on	-
Diameter	945	1015	945	-	-	Diameter	865	-	-
Pcs/ pack	1	1	1	4	1	Pcs/ pack	1	4	1
Part number	4700 0319 37	4700 0324 73	4700 0330 36	4700 0022 55	3382 0105 71	Part number	4700 0323 97	3382 1000 59	3382 0105 70

BG Combi **Two in one**

**LONG
WORKING
LIFE**

Designed for life

The gearbox is high quality, the design is robust and all vital parts are well protected. Result: a trowel that's there when you need it. All the time.

QUICKSTOP*

The dead man's handle is easily reached from any position. And once you let go, rotation stops immediately thanks to the Quick Stop-function.

Save time

The carrying handle makes transportation and maintenance easier.

Easy cleaning

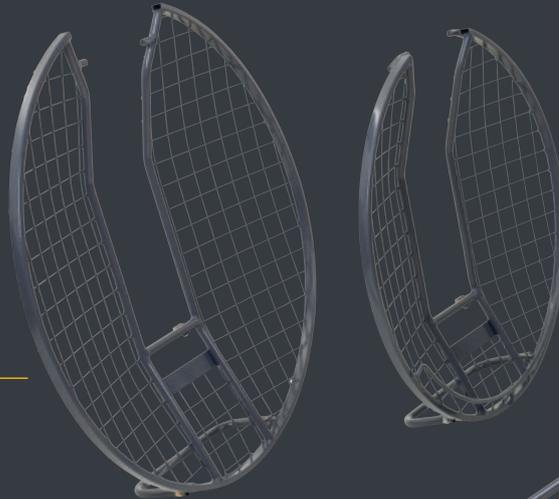
Parts exposed to wet concrete are designed for easy cleaning.

**FAST
CLEANING**

Two machines in one

Thanks to quick change of blade cover size and Quick Release fastening, you can switch trowel diameters between 850, 915 and 1,020 mm.

* For immediate halt of rotating tool.



Easy transportation

Foldable handle facilitates transportation and storage.

Multi-talented

Two interchangeable protection rings make switching trowel diameters quick and easy.



Quick Release

There are two types of blade fastenings available on the BG Combi; Quick Release or bolt on. The springs on the Quick Release version (see picture) make switching troweling diameter quick and easy.



GET ONBOARD AND GET IT DONE

When you are on the most demanding jobs, you need machines that help you deliver the best possible quality. On time.

Uptime is always important for a professional and for your biggest challenges, we recommend the BG920. In our top of the line-model, a Turbo Charged Kubota diesel engine works together with a heavy-duty gearbox to make sure you can deliver quality, on time and on money.

The hydraulic steering makes the ride-on-trowel nimble. In combination with the mechanical drive you get the best of both worlds

– a machine that is easy to use, designed for maximum uptime and with simple maintenance. Now you know why the BG920 is a favourite among larger contractors.

If you favour all mechanical machines, we have just the tools for you. You can go for two sizes. The BG740 has a troweling path width of 1,880 mm and the BG910 manages 2,336 mm. All trowels are equipped with reliable engines and our heavy-

duty drive trains are service friendly and built for uptime. Simply put, they help you get the job done.

The electrically powered retardant spray system and independent manual pitch control of the trowels makes the concrete surface harder and smoother. And we have made sure your customers see the difference. Why? The features are standard on all models.



Ride-on trowels		BG740	BG910	BG920
Steering control		Mechanical	Mechanical	Hydraulic
Operating weight	kg	333	475	658
Troweling path width	mm (in)	1,880 (74")	2,336 (97.5")	2,336 (95")
Rotor diameter	mm (in)	914 (36")	1,168 (46")	1,168 (46")
Maximum rotor speed	rpm	<145	<145	<140
Number of bladearms ¹		2 x 4	2 x 5	2 x 5
Cruise control		no	no	yes
Dimensions (L x W x H)	mm	1,980 x 1,040 x 1,350	2,540 x 1,280 x 1,470	2,540 x 1,280 x 1,510

Engine

Engine brand	4-stroke	Honda	Bridge & Stratton Vanguard	Kubota
Model		GX690	-	Turbo Charged
Power	kW (hp)	18 (24)	26 (35)	33 (44)
Fuel		Petrol	Petrol	Diesel
Fuel tank capacity	l	23	23	23
Seat vibration overall	m/s ²	2.76	1.4	0.96
Hand vibration maximum	m/s ²	3	4.8	5.53
Sound power level, guaranteed	Lwa dB(A)	86.8	103	83.2
Part number		3382 0001 52	3382 0001 53	3382 0001 54
Safety and Operating Instructions		9800 1345 01	9800 1346 01	9800 1347 01

¹) Non overlapping. Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

BG920 Top of the line

SAVE TIME AND MONEY ON THE BIGGEST JOBS

Visibility for safety

Great visibility both day and night makes work safer and helps you deliver more quality in shorter time. Six headlights and a clear view says it all.

Quality saves time

The best engine on the market, combined with super heavy-duty gearboxes guarantees that you can do your best. In every aspect.

Get going fast

Smart design helps you shave off time from loading and unloading. Our sit on trowels help you get going. Fast.

Efficient design saves time

A foldable seat and front access panels provide a good service environment. Great design that saves time and money.

Have a seat

With the BG920 you get adjustable seat and arm rests, raised foot paddles, 12V charger and cup holder. Enjoy!

Service friendly

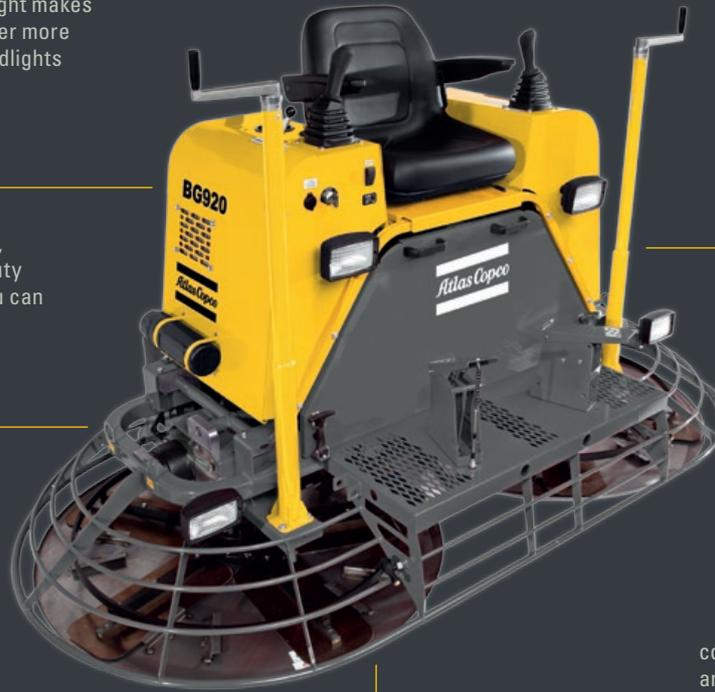
Service and maintenance is easy thanks to removable front panels.

Happy customers

The electrically powered water spray system and manually controlled pitch makes for harder and smoother concrete surfaces.

Spraying made easy

On the BG740 and BG910 you control the retardant spray system with a simple push on the steering lever.



Accessories	Qty/pack	BG740	BG910	BG920
Floating blades	4	3382 1001 13	3382 1001 17	3382 1001 17
Combination blades	4	3382 1001 14	3382 1001 18	3382 1001 18
Smoothing Disk (Clip-on)	1	3382 1001 15	3382 1001 19	3382 1001 19
Smoothing Disk (Securing Catch)	1	3382 1001 16	3382 1001 20	3382 1001 20
Lifting sling	1	1634 0354 61	1634 0427 79	1634 0427 79
Transport wheels (dolly jacks)	2	1634 0276 84	1634 0390 90	1634 0390 90

SIMPLE SMOOTHING IS GOOD FOR BUSINESS

Our walk-behind-screeds are reliable tools that get the job done without fuss. The models range from manual and electric to petrol-driven screeds.

BV20 With the BV20E/G you no longer need a poker for thin slabs. The design is lightweight and thanks to the telescopic handle you can work from outside the slab. With this model you can choose from both electric and petrol drive. Using single beam screeds is convenient

and a vibration free way to level a wet concrete surface. The handheld BV20H is lightweight, easy-to-use and absolutely vibration free.

BV30 The BV30 is designed for bigger jobs but it's certainly handy in smaller areas too. The

lightweight design and height-adjustable twin handle makes it easy to use. Interchangeable bottom plates featuring widths from 1.8 to 4.2 meters make the BV30 effective and good for business. The centrifugal force on the BV30 is adjustable to suit most concrete types.



BV Walk behind vibrating & on-vibrating screeds		BV20E Electric	BV20G Petrol	BV20H Manual	BV20 Ext. tube
Working width	m	2.0	2.0	2.0	-
Weight operating	kg	18	14.8	7.4	1.5
Length handle	m	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	kW (hp)	0.27	0.72 (1.0) at 7,000 rpm	-	-
Vibration frequency	Hz	up to 166	up to 166	-	-
Centrifugal force	N	2,000	max 1,100	-	-
Vibration value	m/s ²	-	3.2	-	-
Noise level	dB(A)	-	91	-	-
Part number		4812 0511 49	4812 0511 51	4812 0511 54	4700 0022 59

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1189 01) at www.acprintshop.com



BV30 Walk behind vibrating screed		BV30
Weight, drive unit	kg	13.5
Vibrating unit *		4-stroke Honda GX35
Power	kW (hp)	1.2-(1.6) at 7,000 rpm
Vibration frequency	Hz	up to 166
Centrifugal force	N	max 3,460
Vibration value	m/s ²	3.25
Noise level	dB(A)	108
Part number without blade		4812 0510 05

BV30 Screed blade		1.8 m	2.4 m	3.0 m	3.6 m	4.2 m
Working width	m	1.82	2.44	3.5	3.66	4.26
Weight	kg	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

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1193 01) at www.acprintshop.com * The drive unit is delivered without screed blades; the latter are ordered separately.

BV20E Reach further

No pokers

You can use the screed directly on thin slabs without using pokers beforehand.

Nimble in confined spaces ...

Our walk-behind-screeds with electric drive are available with a bottom plate. The lightweight design and articulated handle make it easy to operate.

Quality that lasts

You get less maintenance thanks to lightweight non-corrosive aluminium and high-quality drive units.

Speed adjustment

You know what's best for the concrete, so speed adjustment is up to you.

... and from the outside

The telescopic handle makes it possible to work from outside the slab with a total reach of 3.6 meters.

**AVAILABLE
IN ELECTRIC
& PETROL**

Taking care of safety

A vibration damper between the engine and the handle helps reduce hand and arm vibrations. Lightweight aluminium design, foldable handle and crutch make the BV30 easy to handle and transport.

BV30



**EFFICIENT
LEVELING**

Rigid bottom plate

Deliver high quality leveling thanks to the V-shaped bottom plate-profile, which prevents the blade from twisting.

Lightweight design

Working is easy thanks to a lightweight aluminium design.

BV20H

**ZERO
HAND/ARM
VIBRATION**

Easy care

Designed to make cleaning and maintenance easy.

Stable and reliable

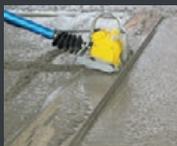
You get a rigid screen blade for good concrete leveling.



HOW TO USE THE BV20E AND BV20G



Forward movement
Push the beam forward. Angle the blade 0° to +15°.



Backward movement
Pull the beam backward. Angle the blade 0° to -15°.

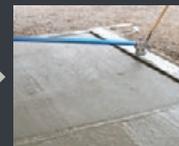
HOW TO USE THE BV20H



Equalizing
Push the beam forward. Angle the blade 0° to +15°.



Tapping
Pull the beam backward. Tap the concrete. Angle the blade 0° to -15°.



Cleaning
Push the beam forward. Angle the blade 0° to +15°.



Finish
Pull the beam backward. Angle the blade 0° to -15°.

HALF THE **EFFORT** TWICE THE EFFECT

This double action screed gets the whole job done thanks to vibration down to 200 mm and well-balanced leveling for even floors.

Our double screed is popular thanks to in-depth action down to 200 mm, paired with smart solutions such as the ability to rotate the vibrating unit 90 degrees for both surface vibration and leveling.

You can compensate for negative flexion thanks to the tensioning rods that allow the screed to camber two

percent from the centre. The design makes it easy to remove concrete residue and the handling is easy thanks to a lightweight aluminium construction.

Choose from petrol and electric motors. The electric motor can power all screed models and the petrol engine powers screeds from

3.2 to 7.2 meters. Screed profiles for petrol and electric versions are interchangeable.

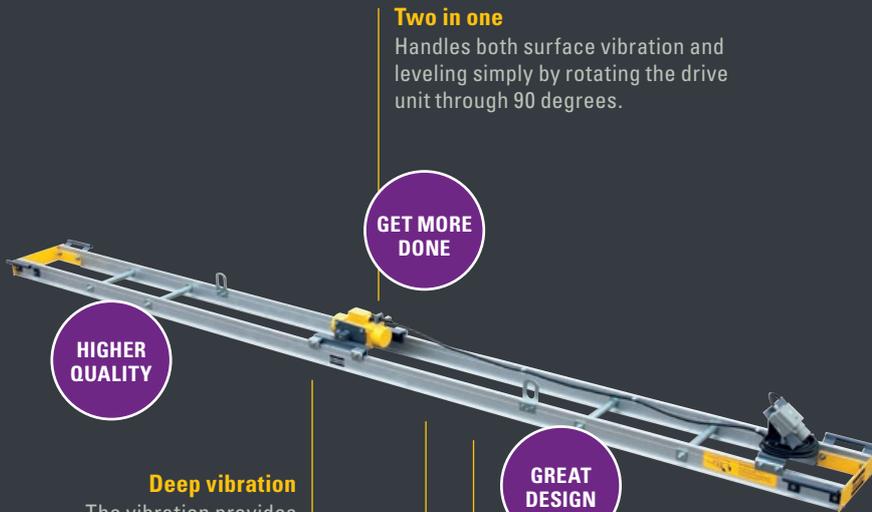
BD Double vibrating screeds		BD32	BD42	BD52	BD62	BD520	BD620
Height of Profile	mm	100	100	100	100	150	150
Width between profiles	mm	300	300	300	300	300	300
Length	m	3.2	4.2	5.2	6.2	5.2	6.2
Weight	kg	32	41	47	57	62	74
Part number		4812 0508 99	4812 0509 00	4812 0509 01	4812 0509 02	4812 0509 03	4812 0509 04

BD Double vibrating screeds		BD720	BD800
Height of Profile	mm	150	150
Width between profiles	mm	300	300
Length	m	7.2	8.0
Weight	kg	86	96
Part number		4812 0509 05	4812 0509 06

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1185 01) at www.acprintshop.com

Accessories for BD Screeds		Outrigger	Outrigger with lifting device	Skate (complete set for one side)	Skate (complete set for one side)
Type		U 2	U 3	SKT	SKT
Suitable for screed		All BD screeds	All BD screeds	BD32 - BD62	BD520 - BD942
Weight	kg	10	21	17	3.2
Part number		4700 0211 45	4700 0112 24	4700 0222 66	4700 8005 53

BD42 Double action vibration



Two in one

Handles both surface vibration and leveling simply by rotating the drive unit through 90 degrees.

GET MORE DONE

HIGHER QUALITY

Deep vibration

The vibration provides in-depth action down to 200 mm.

Just add talent

Our double screeds are perfectly balanced to achieve even floors. The optional high profile makes them even steadier. Tensioning rods allow the screeds to camber in order to compensate for negative flexion. They are a perfect match to your talent.

GREAT DESIGN

Durable and easy

Made of non-corrosive aluminum alloy for low weight and easy handling and transportation. Smooth surfaces allow the concrete to come free easily when cleaning.



Go skating

Skates make for easier and faster handling compared to rails.



Rotate to do more

The rotatable drive unit enables both surface vibration and leveling for increased cost efficiency.

Vibrating units		BE20 400V	BE20 440V	BE20 380V	BE200 400V	BE200 440V	BE200 380V
Type		Electric			Electric		
Input Voltage/Engine Type		400V-3-50Hz	440V-3-50Hz	380V-3-60Hz	400V-3-50Hz	440V-3-50Hz	380V-3-60Hz
Power input	kW	0.45	0.45	0.45	0.45	0.45	0.45
Weight	kg	37	37	37	37	37	37
Suitable for screed		BD32 - BD62	BD32 - BD62	BD32 - BD62	BD520 - BD800	BD520 - BD800	BD520 - BD800
Noise level	dB(A)	94	94	94	94	94	94
Vibration value**	m/s ²	2.5	2.5	2.5	2.5	2.5	2.5
Part number		4812 0508 96	4812 0511 18	4812 0511 17	4812 0508 97	4812 0511 20	4812 0511 19

Vibrating Units		BE30
Type		Petrol
Input Voltage/Engine Type		Honda GX120 4-stroke
Power input	kW	2.3 (3.5 hp) (output power)
Weight	kg	32
Suitable for screed		BD32 - BD720
Noise level	dB(A)	-
Vibration value**	m/s ²	3
Part number		4812 0510 04

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1185 01) at www.acprintshop.com** 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/s²

THINK **BIG** THINK BT90

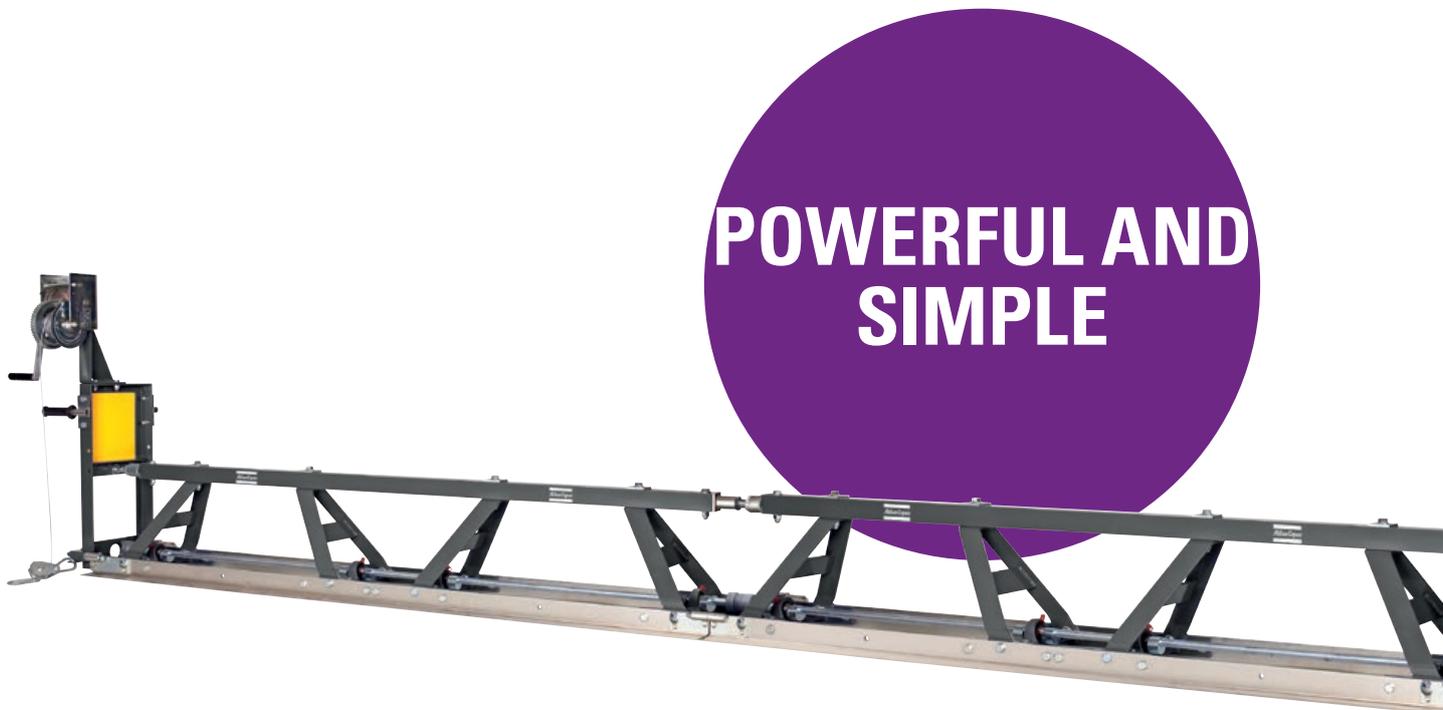
The BT90 truss screed is engineered to handle your biggest challenges. We're talking floors up to 25 meters wide or runways and bridges that need compaction, leveling and finishing.

To put it briefly: The BT90 is both powerful and simple. A single operator can easily assemble the self-supporting modules of 1, 2 and 3 meters to the required length without the need for special tools.

That also makes it cost effective. Once in place the BT90 provides deep vibration effect, and thanks to the heavy steel frame it can remove

air voids down to a depth of 200 mm. The robust construction with rigid triangular sections and great protection of vital parts contributes to a long life and easy maintenance. The screed's adjusting system (turnbuckle) makes flat, parabolic, rooftop or inverted finishing possible thanks to a precision rubber claw device.

The BT90 is available with electric, petrol or pneumatic drive. Larger working widths of up to 25 meters require the pneumatic version. Electric and petrol driven units can run screeds up to 20 meters wide.



BT90 Think big

Engineered to last

Rigid triangular steel frames and square tubes for better rigidity. Well-balanced, well-protected bearings for extended lifetime.

LONG SERVICE LIFE

Adaptable drives

The BT90 is available with petrol, electric or pneumatic drives. Electric and petrol screeds manage widths up to 20 m. The largest working widths, up to 25 m, require pneumatic drives.

COST EFFECTIVE

Smart design

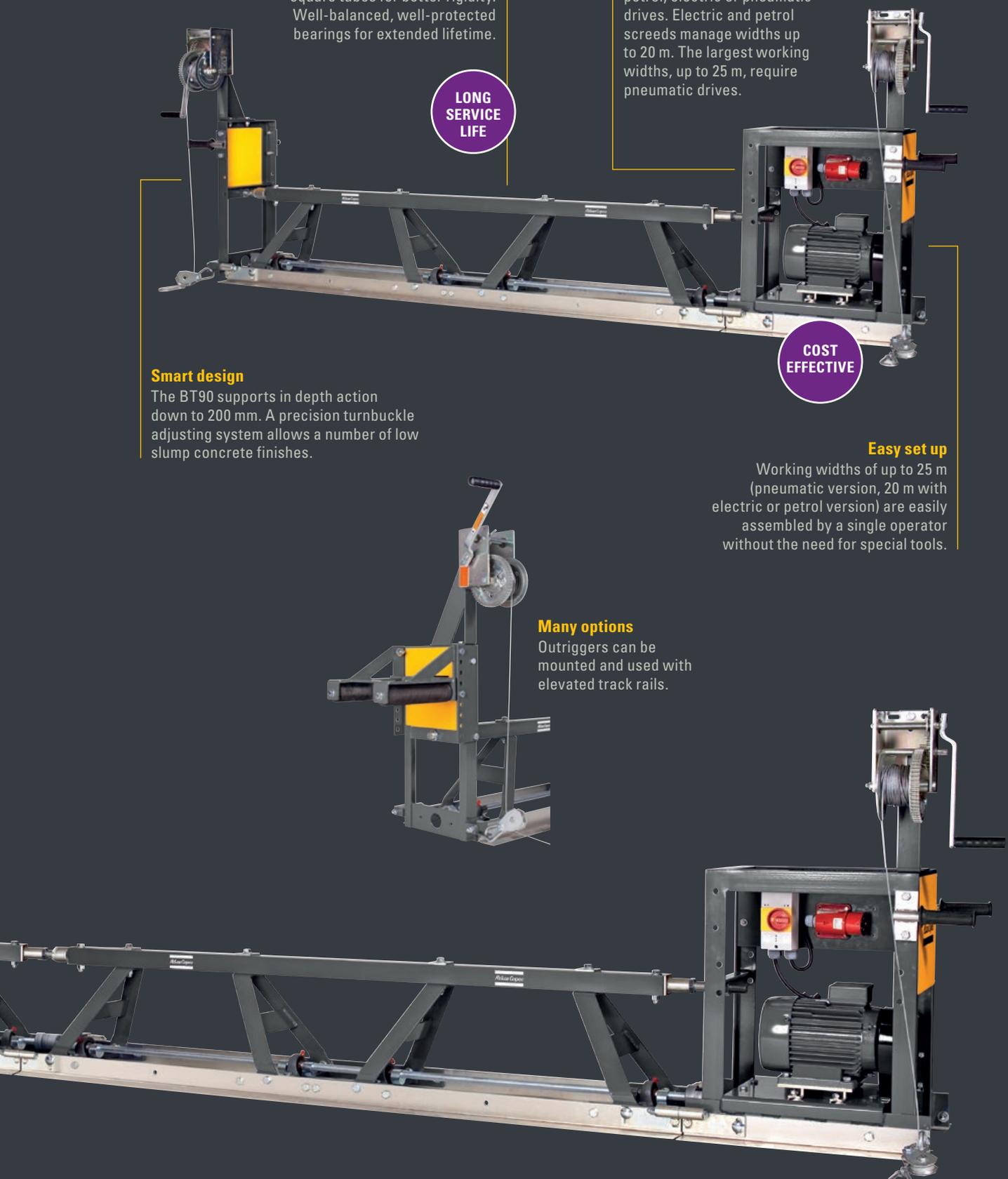
The BT90 supports in depth action down to 200 mm. A precision turnbuckle adjusting system allows a number of low slump concrete finishes.

Easy set up

Working widths of up to 25 m (pneumatic version, 20 m with electric or petrol version) are easily assembled by a single operator without the need for special tools.

Many options

Outriggers can be mounted and used with elevated track rails.



TAKE ON THE WORLD WITH **MODULES**

The BT90 is our most popular screed for the biggest projects. The modular sections are part of the success story.

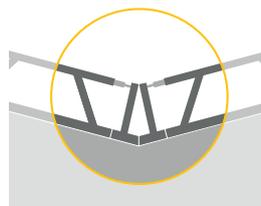
Thanks to modules you can do compacting, leveling and finishing for most projects. Another strength comes from the adjustable angles that let you handle various inclinations.

Whatever angle or length is required – for a tunnel roof or floor, a bridge, road, industrial floor or parking space – the BT90 is easily adjusted to meet those demands.

Finally we are proud to make a product that is easy and fast to assemble. One single operator can assemble a tool that has the power to change the face of the earth.

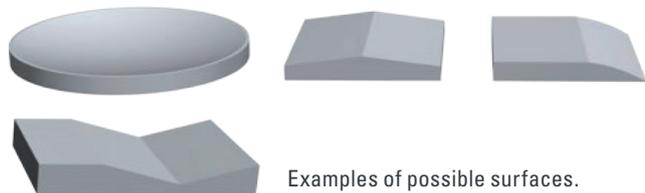
Modular drive sections		Electric	Petrol	Pneumatic
Working length	mm	560	560	-
Width	mm	535	620	585
Height	mm	980	980	970
Weight	kg	155	120	75
Frequency	rpm	2,865	2,900	-
Input	kW	3	5.5	-
Powered by		400V-3-50 Hz	Honda GX 270	Compressor
Part number		4812 0509 95	4812 0509 96	4812 0509 94

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1187 01) at www.acprintshop.com
Opposite end section is delivered with the drive section.



The right angle

Together with the BT90 and the right modules you can handle almost all concrete challenges. You can adjust the angle 15° and create surfaces that are 25 meters wide.



Examples of possible surfaces.

Modular screed sections		1 m	2 m	3 m
Working length	mm	1,000	2,000	3,000
Width	mm	420	420	420
Height	mm	376	376	376
Weight	kg	32	57	82
Part number: Electric/Petrol		4812 0509 97	4812 0509 99	4812 0510 01
Part number: Pneumatic		4812 0509 98	4812 0510 00	4812 0510 02

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1187 01) at www.acprintshop.com

Accessories		0.5 m extension	Outrigger (with rollers)	Crown Invert bracket
Working length	mm	500	372	270
Width	mm	420	300	-
Height	mm	421	300	-
Weight	kg	10	11	25
Part number		4812 0510 03	4812 0510 49	-
Part number: Pneumatic		-	-	4812 0510 50



The BT90 screed system is a very cost-efficient solution for compacting, leveling and finishing large concrete floors, pavements, runways and bridges up to 25 meters wide.

BT90 Modules **Think Big**

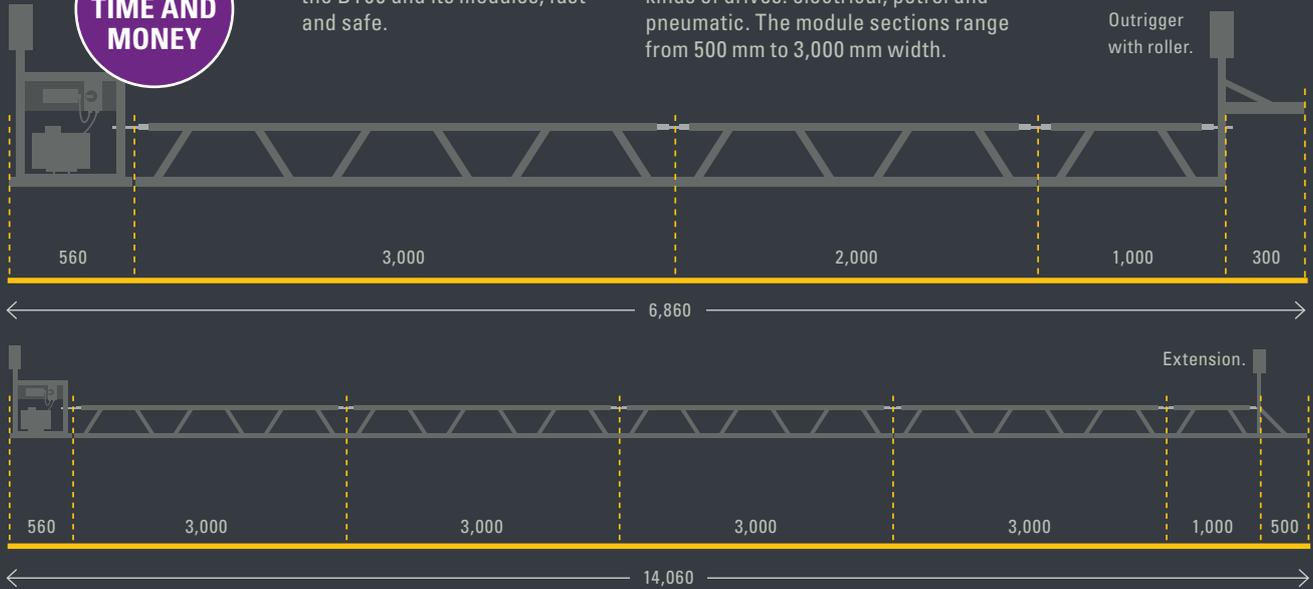
**SAVE
TIME AND
MONEY**

One-man assembly

A single operator can assemble the BT90 and its modules, fast and safe.

Adapt for the challenges

Our modular sections have three kinds of drives: electrical, petrol and pneumatic. The module sections range from 500 mm to 3,000 mm width.



All measurements are in millimeters.

Screed rails **Tools for peak performance**

SET-UP FOR YOUR PEAK PERFORMANCE

We want to help you to work safe and fast. The leave-in-place screed rail and stopper, skates and rack rails are your tools for peak performance.

Faster setup, lower labor and production costs, stronger joints, reduced need for floor sawing – the advantages compared to traditional methods of concreting floors are many. The screed has a metal leave-in-place rail and stopper with a removable plastic strip on top for the screed to slide on. The plastic strip can be left in place or replaced by a different joint material.

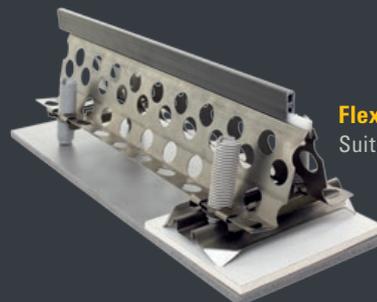
With Screed rail you can assemble the form immediately prior to concreting, saving both time and money by reducing production and labor costs. Screed rail is an easier way to level concrete floors with less filling work.

The whole system is lightweight, easy to transport, convenient to use and comes in sizes to cover most floor types. Plastic adjusting screws make it easy to level the rails. When a certain distance between the reinforcement and the top surface is needed, the user-friendly skates are a smart option. The reusable track rail is yet another practical alternative for use in combination with outriggers for screeds and beams.



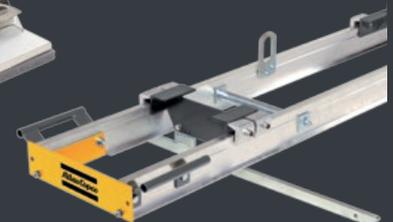
Cost effective

Skip unnecessary work use your talents where they are needed instead.



Flexible technology

Suitable for all beddings.



Simplicity saves money

With skates you eliminate the need for rails.



Re-usable tools

Track rails placed outside the form can be used time and time again.

THE TIME SAVER

The SV-flex screed is your choice for big surfaces and medium to heavy slump concrete. Its low weight and its great balance saves you time.

Just like the BT90 our SV-flex screeds are designed for up to 25 metres wide floors. But the SV-flex screeds have been especially designed for high to medium slump concrete. Low slump concrete offer greater pulling resistance and needs a heavy-duty screed construction like the BT90. But heavy duty also means more weight.

The SV-flex screed has been designed to keep down weight. Thanks to aluminium tubes and profiles it offers a stable construction

that's easy to assemble. You can put it together yourself without special tools. And when you're done, the SV-flex screed can create a slab at the speed of one metre per minute.

A quick turnbuckle keeps the sections together. It's easier to connect and less rigid than the stiff turnbuckle that is used with the heavy-duty BT90. All in all there are only three points that have to be connected. The drilled through vibrating shaft is easy to maintain and can handle concrete depths of up to 150 mm.

There are two ways to power the SV-flex screeds. The gasoline version (SVG) is equipped with Honda GX160. The electric flex screed (SVE) can handle the same widths and depths as SVG. Both are equipped with manual winches on both sides as standard. An electric winch is optional.

The Atlas Copco SVE- and SVG-flex screeds are compatible with Tremix flex-screeds.



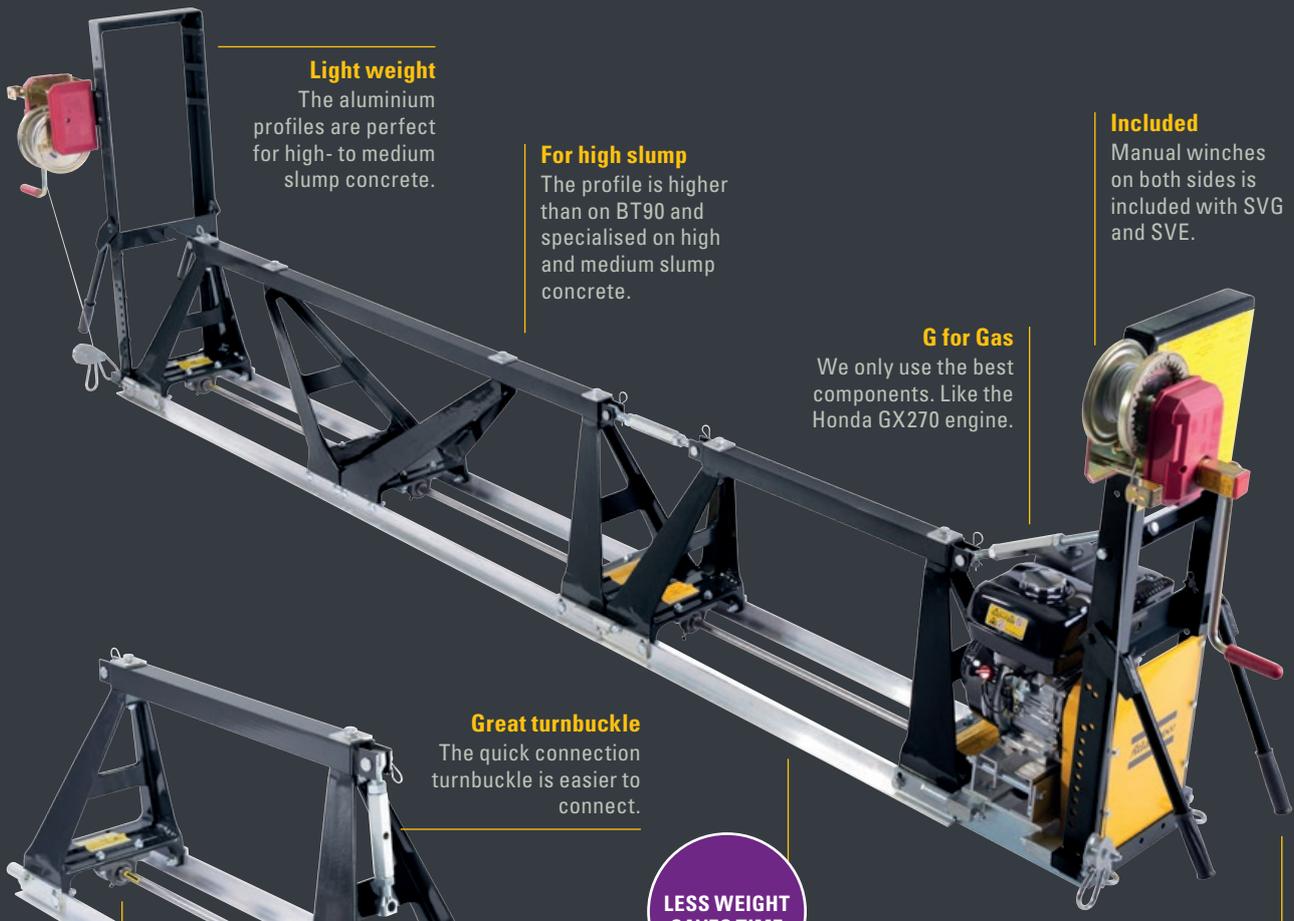
Modular screed sections		0.5 m	0.75 m	1 m	2 m	3 m
Working length	mm	500	750	997	1998	2998
Width	mm	380	380	380	380	380
Height	mm	515	515	515	515	515
Weight	kg	19.4	20	21.2	38.4	55.4
Part number		4812 0518 64	4812 0518 83	4812 0519 19	4812 0518 89	4812 0518 94

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1613 01) at www.acprintshop.com

Accessories	Weight (kg)	Part number
Outrigger	20	4812 0553 24
Outrigger (w. 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

Flex screed - End piece		Electric	Petrol	Manual	Extension piece
Working length	mm	620	590	67	500
Width	mm	550	550	380	380
Height	mm	1100	1100	1100	1100
Weight	kg	63	59	17	7
Frequency	rpm	3,000	3,600	-	-
Input	kW	3	5.5 (output)	-	-
Powered by		400V-3-50 Hz	Honda GX 160	-	-
Part number		SVE drive + End piece 4812 0518 00	SVG drive + End piece 4812 0517 99	-	4812 0553 30

Modular screeds SVE / SVG



Light weight
The aluminium profiles are perfect for high- to medium slump concrete.

For high slump
The profile is higher than on BT90 and specialised on high and medium slump concrete.

Included
Manual winches on both sides is included with SVG and SVE.

G for Gas
We only use the best components. Like the Honda GX270 engine.

Great turnbuckle
The quick connection turnbuckle is easier to connect.

LESS WEIGHT SAVES TIME

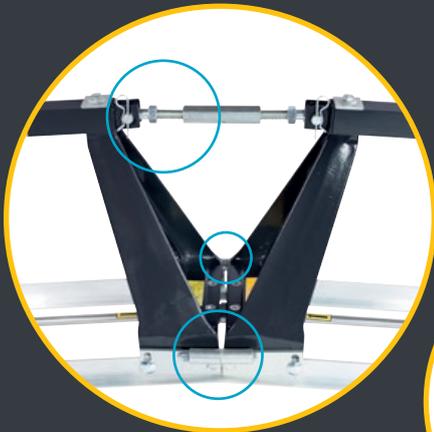
Light strength
The profiles and tubes are made of aluminium to save weight. Skates are made of galvanised steel.

MORE UPTIME

Smart bearings
The oscillating bearing moves in several directions.

Smooth power
The rubber cross helps transfer power smoothly between units..

Easy lifting
The lifting handles are designed to make lifting and adjusting easy.



Easy connection
There are only three places where the sections have to be attached. That means you save time.



Accessories
We offer a number of accessories, like outriggers, winches and extensions.



Easy maintenance
The drilled through vibrating shaft makes maintenance operations quick and easy.



E for Electric
The electrical drive unit (SVE) is well protected. The electrical winch is an appreciated option.

Orka Floor saw

CUT OUT RISKS

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

Safety and ergonomics go hand in hand. All major controls are easy to reach from the handle of the Orka floor saw; such as the on/off switch, throttle control and in-depth control. The handle is height-adjustable and reversible for easy

storage. Together with a central lifting hook transportation is made easy.

The 30-litre fork-watering device makes sure the diamond disc is constantly cooled on both sides.

The Orka floor saw also sports effective dust and waste evacuation during operation. Finally, the quality on the inside is protected by a rigid single body frame.



Ergonomics makes safety

All of the important controls are assembled close together, within easy reach of the operator.

Fewer refills

The 30-litre water tank lets you work longer without interruption.

Easy maintenance

With a Poly V belt adjustments and belt changes are made quick and easy.

Cut deeper

The Orka can hold diamond blades from 350 mm up to 450 mm.

ORKA Concrete & asphalt floor saws		350/450	350D/450D
Standard disc size	mm	350 or 450	350 or 450
Max. cutting depth	mm	153	153
Engine brand		Honda	Lombardini
Model		GX390	15LD350
Fuel		Petrol	Diesel
Power	kW (hp)	9.6 (13)	5.1 (7)
Water tank capacity	l	30	30
Weight	kg	98	108
Vibration value	ms ²	9.8	9.8
Noise level	dB(A)	113	115
Part number		4812 0510 07	4812 0510 08

Important: More detailed technical specifications are available in the product Safety and Operating Instructions (ID-number: 9800 1203 01) at www.acprintshop.com



Cutting controls cracks

After the concrete is dry, the final step is to cut expansion joints to control where the concrete will crack as the soil underneath expands and contracts. Our cutting saws offer a maximum cutting depth of 153 mm. They can also be used in asphalt cutting for road maintenance.

Diamond disks for floor saws		350F	350C	350A	450F	450C	450A
Blade Diameter	mm	350	350	350	450	450	450
Pcs/ pack		5	5	5	1	1	1
Blade Type		For fresh concrete	For old concrete	For asphalt	For fresh concrete	For old concrete	For asphalt
Part number		4700 3685 94	4700 3685 93	4700 3685 92	4700 3685 95	4700 3685 87	4700 3685 88

Self-sharpening wave design of the diamond segment. Optimized cut, increased cutting power, less stress on the floor saw.

Spreader wagon

IT'S ALL ABOUT FLOW

Even colour and even spread makes a perfect floor. A great spreader wagon takes you half the way. Your talent does the rest.

SAVE TIME AND MONEY

Flow is up to you

Constant flow over the whole surface is important. The flow adjustment valve lets you determine the exact quantity of material sprayed. It can be locked to allow a constant flow.

Keeps the surface clean

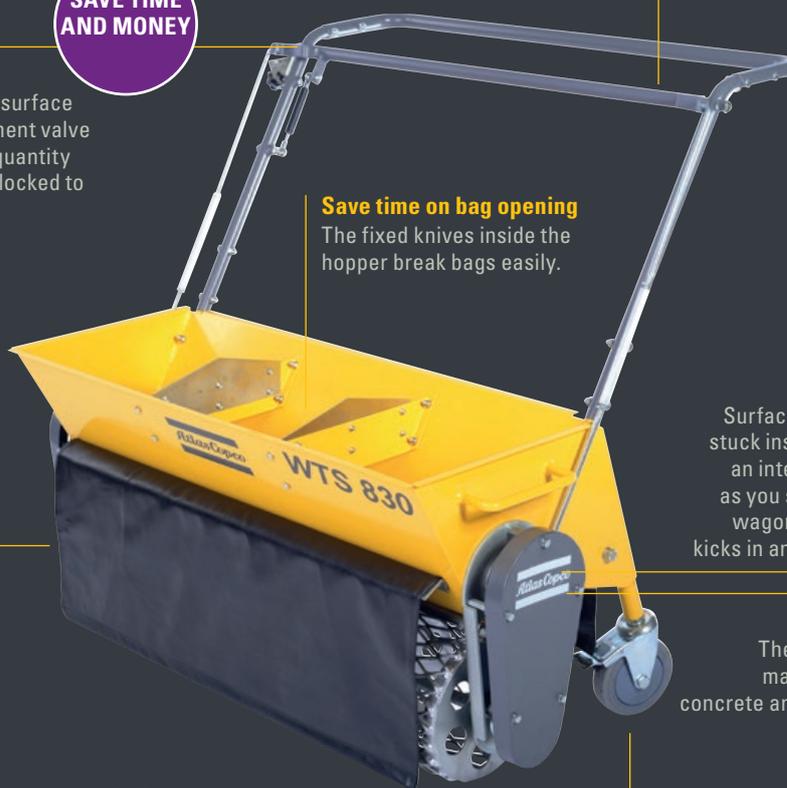
The front curtain is weighed down with a steel bar. It keeps dust and unwanted particles away from a sensitive surface.

Get a grip

Sturdy handles keeps your operation safe.

Keeps you going

The valve protection cover makes sure the flow adjustment valve stays clean.



Save time on bag opening

The fixed knives inside the hopper break bags easily.

Easy open and close

The flow valve lever opens and closes the internal valve that flushes the topping.

Chain transmission

Surface material never remains stuck inside the hopper thanks to an internal mixing bar. As soon as you start rolling the spreader wagon, the chain transmission kicks in and rotates the mixing bar.

Even spread

The mesh drum anchors the material/ topping inside the concrete and reduces the amount of dust during troweling.

Easy transportation

The wheels can be locked for easy transportation.

Dust free

A heavy-duty rear curtain prevents dust from spreading.

Keep it even

The flow adjustment lock allows you to spray the exact same quantity of material on the whole surface.



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 ²	1-4
Part number		4812 0552 40

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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