
Vehicle Specification

Wheel loader



ENGINE:		ENGINE turbocharged common rail direct injection diesel engine	
HYDRAULIC SYSTEM			
Hydraulic pump	Gear pump		
Working pressure (max.)	210 kg/cm ²		
Maximum pump flow	85 + 54 l/min		
No. of boom/bucket cylinders 2/1	Servo-controlled, single lever		

MEASUREMENTS AND WORKING SPECIFICATIONS

Bucket capacity (heaped, ISO 7546)	2,0 m ³	1,9	2,0	1,9
Operating weight	12.235KG	11.88		12.16

Forklift



General:	
Power Type	Diesel
Rated Capacity	3 Tons
Engine	
Rated Output (kw/rpm)	35.4/2500
Rated Torque (nm/rpm)	139/1800
Fuel Tank Capacity	60 Liters

Skid Steer Loader



ENGINE:			
Gross Power		50-60 kW	
Net Flywheel Power		45-60 kW	
OPERATING SPECIFICATIONS			
Rated Operating Capacity		1200 kg or above	
HYDRAULIC SYSTEM		Servo-controlled, single lever	
Hydraulic Flow - High Flow XPS - Maximum Loader Hydraulic Pressure			2600029000kPa

POWER TRAIN

Travel Speed - Forward or Reverse -	Two Speed	15-20 km/h
Travel Speed - Forward or Reverse -	One Speed	10-14 km/h

Turbo Diesel Engine,	Four Wheel Chain Drive
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Pickup



General:	
Power Type	Diesel
Payload Capacity	1.5 Tons (approx.)
Steering type	Adjustable, Power steering
Engine	
Engine type	Vertical, In-line, Water-cooling, Four stroke, turbo charging
Rated power (kw/rpm)	76/3600 (103hp)
Max torque (Nm./rpm)	225/1900-2200
Fuel Tank Capacity	80Liters
Clutch & transmission	
Transmission ration	5 Speed (5 Forward, 1 Reverse)
Clutch type	Diaphragm spring clutch

Pickup



General:	
Power Type	Diesel
Payload Capacity	3-3.5Tons (approx.)
Steering type	Adjustable, Power steering
Engine	
Engine type	Water-cooling, Four stroke, turbo charging
Rated power (kw/rpm)	130 / 3,500
Max torque (N.m/rpm)	30.6 / 1,300
Fuel Tank Capacity	80Liters
Clutch & transmission	
Transmission ration	5 Speed (5 Forward, 1 Reverse)
Clutch type	Diaphragm spring clutch

Lorry 8Ton



Configuration	4x2 Freight Carrier
Engine Capacity (cm3)	4500-6000
Break Type	Full air breaking system, Automatic slack adjuster, Spring-based parking breaks exhaust
Applications	Cargo

Water Bowser



Cab Capacity	2 persons allowed
	Air Conditioner; W/ air conditioner
Wheels & Tyres	Tire:11.00-20, all Nylon tyre
Fuel Type	Diesel
Tank Capacity	4000-5500 Liters
Tank Material	Carbon steel or equivalent

Heavy Dump Truck (25T)



Engine	Diesel 4-stroke direct injection diesel engine, electronic control
Maximum output:	400 hp (294 Kw)
Maximum torque:	1850 Nm
Wheels & Tyres	Tire:11.00-20, all Nylon tyre
Weight kg	
Maximum Loading Capacity	20-25 Ton
Gross vehicle weight(GVW)	28Ton

MC 30 Spray Machine



Capacity	4000 L
Model/Type	SRBP4000
Spray bar width	2.4 Meter
Adjustment Width	2.4meter to 4.1 meter with extension
Air Pressure Gauge	0-6 kg / cm2

Roller Pneumatic



Dimensions	
Wheelbase	3800 mm
Machine Height	3000 mm
Working width	2040 mm
Miscellaneous	
Number of driven wheels	4
Oscillation angle	3°
Angle of steering	32°
Type of watering	Pressure
Type of watering	Pressure
Water for tyre watering	400 l
Engine	
Power according to ISO 14396	100 kW (134 HP)
Weight & driving characteristics	
Max. transport speed	15-25 km/h
Number of front wheels	4
Number of rear wheels	4
Size of tires	10-15" × 18-20"

Motor Grader



ENGINE	
Speed at Rated Power	2,000 rpm
MOLDBOARD	
Blade Width	3-4m
End Bit - Width	145-158 mm
Cutting Edge Thickness	12-18mm
Cutting Edge Width	145-160mm
Type of watering	Pressure
Arc Radius	413 mm
Moldboard	Thickness 22 mm
BLADE RANGE	
Circle Center shift	Right 630-680 mm
Maximum Depth of Cut	775 mm
Circle Center shift	Left 630-680 mm
Maximum Lift Above Ground	350-500 mm
Blade Tip Range	Backward 3-10°
Blade Tip Range	Forward 30-45°

Excavator (25)



Dimensions	
Boom/Stick Option (Hex) 1	
Shipping Length Of Unit	4400mm
Max Cutting Height	3485mm
Shipping Height Of Unit	2335mm
Max Loading Height	2345mm
Max Reach Along Ground	4345mm
Max Vertical Wall Digging Depth	1955mm
Max Digging Depth	□4□mm
Boom/Stick Option (Hex) 2	
Max Cutting Height	3665mm
Max Loading Height	2545mm
Dimensions	
Width To Outside Of Tracks	1470mm
Length Of Track On Ground	575mm
Height To Top Of Cab	2335mm
Tail Swing Radius	□3□0mm
Removal Counterweight Clearance	□□0mm
Undercarriage	
Shoe Size	300mm
Max Travel Speed	1.7km/h
Engine	
Gross Power	15.9kw
Operational	
Operating Weight	2798.7kg
Fuel Capacity	40L

Dump Truck - 3-4 Ton



Engine - 4000cc
Transmission - Manual

Excavator (35)



Dimensions	
Boom/Stick Option (Hex) 1	
Max Reach Along Ground	17.2ft in
Max Digging Depth	10.2ft in
Max.Dumping Height	11ft in
Height To Top Of Cab	8.02ft in
Width	69 in
Height	96.2in
Length	□□□□ in
Undercarriage	
Min Travel Speed	1.6mph
Max Travel Speed	2.9mph
Engine	
Fuel	Diesel
Gross Power	33.5hp
Power Measured	2335mm
Operational	
Operating Weight	7909lb
Fuel Capacity	□3□gal
Hydraulic System	
Operating Pressure	2987psi
Lift	
Lift Radius	118in
Pump Flow Capacity	16.9gal/min
Max Lift Capacity	3232lb

Mobile Crane(25T)



Capacity		
Max Lifting Capacity	25T	
Engine Output - Net, kW	42.4 (56.9)	
DIMENSIONS		
Overall Length	12750mm	
Overall Width	2500mm	
Overall Height	3550mm	
Axle Distance	Axle-1,2	4325mm
	Axle-2,3	1350mm
Weight		
Overall Weight	30000Kg	
Axle Load	Axle Load-1	6500kg
	Axle Load-2,3	23500Kg
Traveling		
Rated Power	213kW/2100rpm	
Rated Torque	1050N.m/(1200~1400)rpm	
Max Traveling Speed	□0Km□	
Turning Radius	Min Turning Radius	10m
	Min Turning Radius Of Boom head	12m
Wheel Formula	6x4	
Mi. Ground clearance	220mm	
Approach Angle	17*	
Departure angle	12*	
Max. Gradeability	38%	
Full consumption per 100km	<37L	
Max Performance Data		
tail slewing radius of swing table	3.37m	
Boom Section	4	
Boom Shape	U-Shaped	
Max lifting moment	Base boom	962kNm
	Full-extended Boom	544kNm
	Full-extended Boom+jb	341kNm
Boom Length	Base boom	10.65M
	Full-extended Boom	33.5m
	Full-extended Boom+jb	41.5m
Outrigger span (longitudinal x transversal)	5.3x 6.2m	
Working speed		
Max. single rope lifting speed of main winch no load	120m/min	
Max.single rope lifting speed of auxillary winch no load	120m/min	
Full extention/Reaction time of boom	70/50s	
Full lifting/Descending time of boom	70/50s	
Slewing speed	(0-2)r/min	