



Floor Construction....

- ◆ Machines
- ◆ Materials
- ◆ Technologies



Kem Construction Equipments INC,
Chennai, Tamilnadu. India
Mobile : 8939241303 / 6381820221
e-mail : kem@kemindia.in
kemcon17@gmail.com
www.kemindia.in



Contents

CONCRETE VIBRATOR PAVER	-----	1
GASOLINE CONCRETE ROLLER PAVER	-----	2
JOINT TYPE CONCRETE ROLLER PAVER	-----	3
CONCRETE ROLLER PAVER	-----	4
CONCRETE ROLLER PAVER WITH DIESEL ENGINE AND GENERATOR	-----	5
CONCRETE ROLLER PAVER	-----	6
CONCRETE TRUSS SCREED	-----	7
CONCRETE VIBRATORY SCREED	-----	8
BULL FLOATER	-----	9-10
SINGLE DRUM VIBRATORY ROAD ROLLER	-----	11-12
DOUBLE DRUM VIBRATORY ROAD ROLLER	-----	13-14
RIDE ON VIBRATORY ROAD ROLLER	-----	15-16
PLATE COMPACTOR	-----	17
PLATE COMPACTOR	-----	18
REVERSIBLE PLATE COMPACTOR	-----	19-20
WALK BEHIND POWER TROWEL	-----	21
RIDE ON POWER TROWEL	-----	22
TAMPING RAMMER	-----	23-24
TAMPING RAMMER	-----	25
ROAD CUTTER	-----	26
ROAD CUTTER	-----	27
CONCRETE LASER SCREED	-----	28
CONCRETE LASER SCREED	-----	29-30

CONCRETE VIBRATOR PAVER >>>

KVP219



Specification:

Model	KVP219
Working Width	3–8m
Max insert Vibrator Depth	300mm
Travel Speed	4–8m/min
Dia of roller	219mm
Quantity of roller	2 rollers and 1 auger
Vibrator Rotation Rate	300rpm
Vibrators Detail	50mm
concrete vibrator distance	50cm
Material of machine body	Iron
Voltage/ Frequency	380v/50hz
Vibrator motor Power	1.5kw/2.2kw
Lifting motor power	2.2kw/3kw
Traveling motor power	3kw/5.5kw
Auger Motor	4kw/5.5kw

- ◆ Special design for concrete road building project.
- ◆ Concrete roller paver + concrete vibrators.
- ◆ About 5KM per day.

<<< GASOLINE CONCRETE ROLLER PAVER

KRP168P



Specification:

Model	KRP168P
Paving Width	3-8m
Roller Diameter	219mm
Quantity of Roller	2
Travel Speed	3-9m/min
Max Paving Thickness	300mm
Engine Type	Single cylinder, Four stroke, air cooled
Engine	Honda Gx160 Honda Gx390
Fuel Tank	3.6L
Weight	300-700kg
Dimensions	Lx900x800mm Lx1200x1100mm

◆ Honda

◆ Powered by Honda gasoline engine, convenient for use.

JOINT TYPE CONCRETE ROLLER PAVER >>>

KRP168J



- ◆ Can be used for 8m–15m width road construction, highly improved the efficiency.
- ◆ Joint type design for easy transportation.



Specification:

Model	KRP168J
Paving Width	8–15m
Roller Diameter	168mm
Quantity of Roller	6 Rollers(2 vibration rollers and 4 walking rollers)
Travel Speed	3–10m/min
Max Paving Thickness	300mm
Drive Tube Motor	380V/50HZ, 3 phases, 4kw*2
Walking Tube Rotation rate	36rpm
Vibration Motor	380V/50HZ, 3 phases, 11kw
Vibration Tube Rotation Rate	300rpm
Capacity of Water tank	100L
Weight	3000–4000kg

KRP219



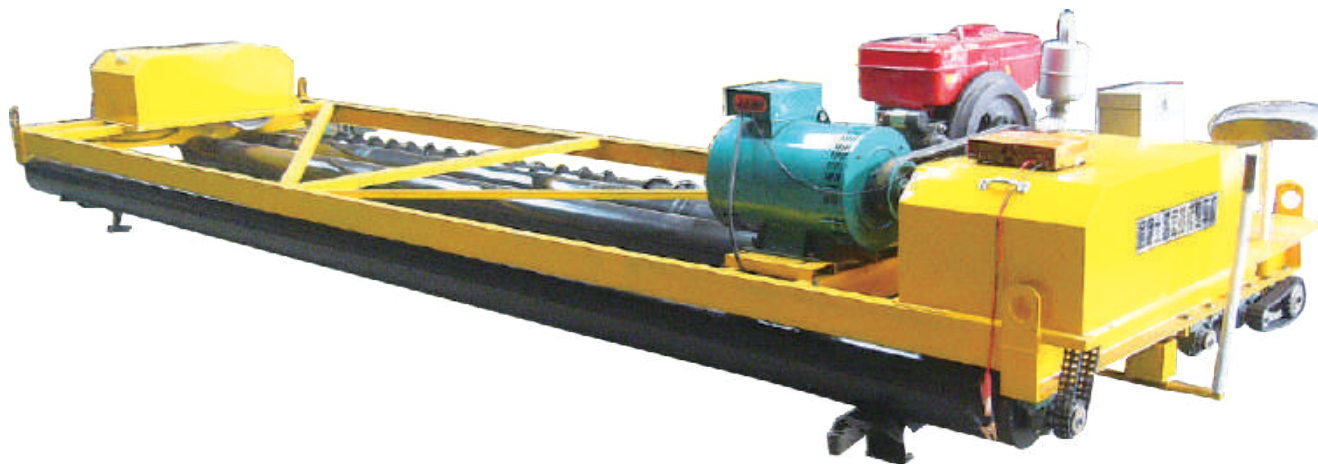
Specification:

Model	KRP219
Paving Width	3—8m
Roller Diameter	219mm
Quantity of Roller	3 rollers and 1 Auger
Travel Speed	4—9m/min
Max Paving Thickness	300mm
Motor	380v/50hz
Walking Tube Rotation rate	36rpm
Vibration Tube Rotation Rate	300rpm
Weight	700—900kg
Dimensions	Lx1800x800mm Lx1700x1100mm



CONCRETE ROLLER PAVER WITH DIESEL ENGINE AND GENERATOR >>>

KRP219D



Specification:

Model	KRP219D
Paving Width	3–8m
Roller Diameter	219mm
Quantity of Roller	3 rollers and 1 Auger
Travel Speed	4–9m/min
Max Paving Thickness	300mm
Motor	380v/50hz
Diesel engine and Generator	With 30hp Diesel engine And 24kw Generator
Walking Tube Rotation Rate	36rpm
Vibration Tube Rotation Rate	300rpm
Weight	900–1200kg
Dimensions	Lx1700x1200mm

◆ Powered by diesel engine and generator, more convenient for area without power source.

KTS600S



Specification:

Model	KTS600S
Engine Model	Air cooled, 4-cycle, Gasoline
Roller Diameter	Honda GX160 Honda GX390
Power	5.5hp/13hp
Max Rotate speed	3600rpm
Screed Length	4-18m
Material of Body	Steel
Dimension	Lx400x960mm
Travel Speed	8-10m/min
Max Paving Thickness	260mm

- ◆ Connected by super universal joint, convenient for assembling.
- ◆ 5-10° DEG arch adjustment.

2012/02/25 12:00

CONCRETE TRUSS SCREED >>>

KTS600A



Specification:

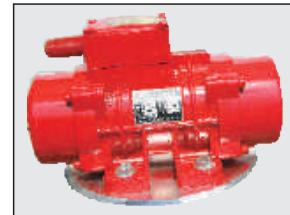
Model	KTS600A
Engine	Air cooled, 4-cycle, Gasoline
Engine Model	Honda GX160 Honda GX390
Power	5.5hp/13hp
Max Rotate speed	3600rpm
Screed Length	4–18m
Material of Body	Aluminium alloys
Dimension	Lx400x960mm
Travel Speed	8–10m/min
Max Paving Thickness	260mm



KVS25



KVS25E

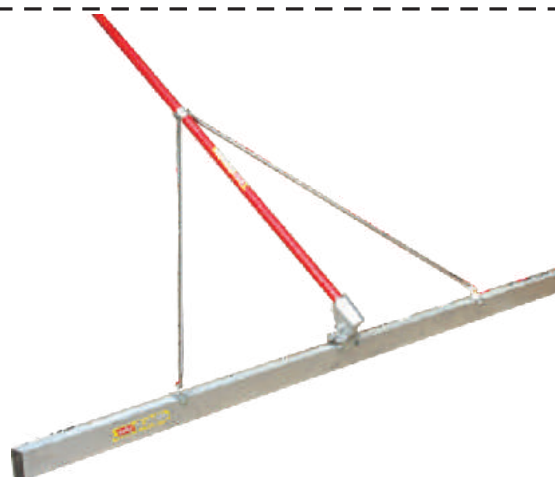


Specification:

Model	Weight	Blade Size	Dimensions Size	Drive system	Engine	Engine Type	Max.output kw	Max.speed	Oil tank capacity
	(kg)		(mm)				kw(hp)	(rpm)	
KVS25	25	2-6	LxW190xH130	Flexible shaft	Air-cooled, 4-cycle, Gasoline	Honda Gx35	1.2/(1.6)	5200	0.65
KVS25E	25	2-6	LxW190xH130	Vibrate motor	Electric motor	380v/50hz	0.15	2800	/

BULL FLOATER >>>

KBC33



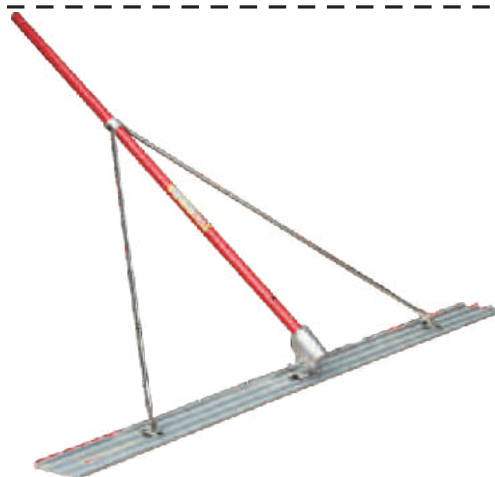
CHECK ROD KCR33



Specification:

Model	Dimensions size	Material of blade	Handle length	Material of handle	Bracket	Package size
KBC33	L 3000*W 50*H100mm	Aluminum alloy	3*1.8m	stainless steel	1个	3040*90*140mm
KCR33	L 3000*W100*H50mm	Aluminum alloy	3*1.8m	stainless steel	1个	3040*90*140mm

KBF33



KBF12



Specification:

Model	Dimensions size	Material of blade	Handle length	Material of handle	Bracket	Package size
KBF-33	L 3000*W 200*H2.8mm	Aluminum alloy	3*1.8m	stainless steel	1个	3010*240*110mm
KBF-12	L 1200*W 300mm	Aluminum alloy	3*1.8m	stainless steel	1个	1310*310*80mm

SINGLE DRUM VIBRATORY ROAD ROLLER >>>

KVR600S

Specification:

Model	KVR600S	
Weight	330kg	
Capacity of Water tank	3.6L	
Capacity of Oil tank	15L	
Travel Speed	0-4km/h	
Starting Methool	Manual	
Drive mode	Hydraulic drive	
Walking mode	Forward&Back	
Roller Size	600*Φ426mm	
Vibrating Clutch Mode	Automatic	
Centrifugal force	15kn	
Vibration frequency	70Hz	
Grade ability	25%	
Package Size	1000*1000*1200mm	
Engine	Air-cooled, 4-cycle, Gasoline/Diesel	
Engine type	Changfa170FA	Honda Gx160
Fuel consumption	280g/KWH	313g/KWH



》》 SINGLE DRUM VIBRATORY ROAD ROLLER

KVR700S



Specification:

Model	KVR700S
Weight	500kg
Power	5.5/4.0Hp/kw
Engine	Diesel Changfa 178FE
Walking Speed	0-4km/h
Grade Ability	30%
Roller Size	560 × 700mm
Centrifugal force	20kn
Capacity of Water Tank	15L
Drive Mode	Hydraulic drive
Vibrating Mode	Mechanical drive, Electromagnetic clutch
Engine Type	Diesel air-cooled, single cylinder
Capacity of Fuel Tank	3.6L



DOUBLE DRUM VIBRATORY ROAD ROLLER >>>

KR600D



Specification:

Model	KVR600D	
Weight	550kg	
Capacity of Water tank	35L	
Capacity of Oil tank	6L	
Walking speed	0-4km/h	
Starting Mode	Electrical starting	
Drive Mode	hydraulic drive	
Walking Mode	Forward&Back	
Roller Size	600*Φ426mm	
Vibrating Clutch Mode	Automatic	
Centrifugal force	25kn	
Vibration frequency	70Hz	
Grade ability	30%	
Package Size	1350*940*1220mm	
Engine	Air-cooled, 4-cycle, Gasoline/Diesel	
Engine type	Changfa178FA	Honda Gx270
Fuel consumption	280g/kwh	313g/kwh
Fuel Tank capacity	3.5L	



KVR600WD

Specification:

Model	KVR600WD
Weight	600kg
Capacity of Water tank	35L
Capacity of Oil tank	6L
Walking speed	0–4km/h
Starting Mode	Electrical starting
Drive Mode	hydraulic drive
Walking Mode	Forward&Back
Roller size	600*Φ426mm
Vibrating Clutch Mode	Automatic
Centrifugal force	25kn
Vibration frequency	70Hz
Grade ability	30%
Package Size	1350*940*1220mm
Engine	Water-cooled,Diesel
Engine type	Changfa R180
Power	5.76kw/8Hp



RIDE ON VIBRATORY ROAD ROLLER >>>

KVR850



Specification:

Model	KVR850
Weight	750kg
Capacity of Water tank	15L
Capacity of Oil tank	3.6L
Walking speed	0-4km/h
Starting Mode	Electrical starting
Drive Mode	Hydraulic
Walking Mode	Forward&Back
Roller size	700* Φ 560mm(Forward) 500* Φ 426mm(Back)
Vibrating Clutch Mode	Electromagnetic
Centrifugal force	28kn
Vibration frequency	70Hz
Grade ability	30%
Package Size	2000*900*1400mm
Engine	Single cylinder,Air cooled, Four stoke,Vertical type.
Engine type	Changfa 180FA
Fuel consumption	280g/KWH



KVR880



Specification:

Model	KVR880	
Weight	1000kg	
Capacity of Water tank	60L	
Capacity of Oil tank	19L	
Walking speed	0-5km/h	
Starting Mode	Electrical starting	
Drive Mode	Hydraulic drive	
Walking Mode	Forward&Back	
Roller size	740*Φ530mm (Forward) 800*Φ530mm (Back)	
Vibrating Clutch Mode	Electromagnetic	
Centrifugal force	32kn	
Vibration frequency	70Hz	
Grade ability	0.3	
Package Size	2100*1500*950mm	
Engine	Single cylinder, Air cooled, Four stroke	
Engine type	Changfa180FA	Honda Gx390
Fuel consumption	280g/kwh	313g/kwh



PLATE COMPACTOR >>>



KC150E

Specification:

Model	KPC150E
Weight	125kg
Dimension	L1100xW500xH950mm
Plate size	L420xW590mm
Centrifugal force	20kn
Walk speed	6-16m/min
Engine	Electric 380V/50HZ 3 phases
Max.output	3.0kw
Max.speed(rpm)	2800

KPC200E

Specification:

Model	KPC200E	
Weight	150kg	
Motor	Y112M-2	4kw Motor
Max vibrating depth	30cm	
Plate size	700 × 420mm	
Centrifugal force	30kn	
Grade Ability	≤20°	
Walk speed	6-16m/min	



KPC60



KPC90



- ◆ Foldable handle and trolley wheel design for easy transport.
- ◆ Water tank for asphalt road use.



Specification:

Model	Weight	Dimension	Plate size	Centrifugal force	Working diameter	Speed	Engine	Type	Max.output	Max.speed	Fuel tank
	(kg)	(mm)	(mm)	(kn)	rpm(hz)	(m/min)			kw(hp)	(rpm)	(L)
KPC60	63	L800xW410xH650	L550xW370	10.5	5600(95)	20-23	Air-cooled, 4-cycle, Gasoline	Honda GX160	4.0(5.5)	3600	3.6
KPC90	90	L1000xW640xH750	L510xW500	15	5500(92)	20-23	Air-cooled, 4-cycle, Gasoline	Honda GX160	4.0(5.5)	3600	3.6

REVERSIBLE PLATE COMPACTOR >>>

KPC160



◆ FPC160 plate compactor is reversible plate compactor, operators can control the machine forward and backward by clutch handle.

Specification:

Model	KPC160	
Weight	160kg	
Dimension	L865xW550xH1120mm	
Plate size	L650xW500mm	
Centrifugal force	30kn	
Vibration frequency	5500(92)rpm/hz	
Speed	20–23m/min	
Engine	Air-cooled, 4-cycle, Gasoline	
Type	Honda GX160	168 Lifan
Max.output	4.0kw/5.5hp	4.8kw/6.5hp
Max.speed	3600rpm	
Fuel tank	3.6L	

KPC330

- ◆ Forward & reverse, as well as on-spot compaction
- ◆ Easy-to-reach located controls
- Large shock mounts reduce vibration to the handle
- ◆ Heavy-duty shock mounts reduce vibration to the upper deck
- ◆ Wear-resistant base plates extend life, open design reduces dirty building
- ◆ Centrally-located lifting bar allows easy transportation in and out of trenches
- ◆ Semi-covered protection cage protects the plate from accidental job-site damage



Specification:

Model	KPC330
Engine	Petrol, Honda GX390
Power	13hp/9.5kw
Weight	250kg
Centrifugal	38kn
Vibrating Frequency	4810rpm
Max Travel Speed	15m/min
Plate size L x W	83 x 64cm



Especially additional air filter system



Electric starter system

WALK BEHIND POWER TROWEL >>>

KWT40

KWT48



Specification:

Model	Weight	Dimension	Working diameter	Speed	Engine	Engine type	Max.output	Max.speed	Fuel tank	Blade quantity	Pan quantity
	(kg)	(mm)	(m)	(rpm)			kw(hp)	(rpm)	(L)	(pcs)	(pcs)
KWT40	94	L1820*W945*H980	1	70-125	Air-cooled, 4-cycle, Gasoline	Honda Gx160	5.5	3600	3	4	1
KWT48	116	L2080xW1250xH1020	1.2	70-125	Air-cooled, 4-cycle, Gasoline	Honda Gx270	7.0(9.0)	3600	6.1	4	1

KRT36A

- ◆ Ride-on operation reduces intensity of labor and increase efficiency of work
- ◆ With dual rotor, much heavier weight, much better compaction and higher efficiency than walk-behind power trowel
- ◆ Non-overlapping designed for two pans working
- ◆ Mechanism type steering system with rapid response and easy control
- ◆ A strong power supplied by Honda gasoline engine (electric start)
- ◆ Safety switch can shut off the engine immediately and ensure the maximum security

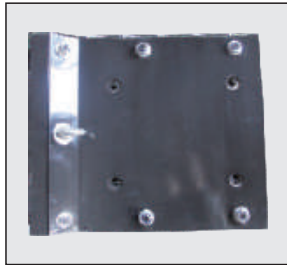


Specification:

Model	Weight	Dimension	Working diameter	Speed	Engine	Engine type	Max.output	Max.speed	Fuel tank	Blade Quantity	Pan Quantity
	(kg)	(mm)	(mm)	(rpm)			kw(hp)	(rpm)	(L)	(pcs)	(pcs)
KRT36A	338	L1980xW1020xH1500	L1890xW915	120-140	Air-cooled, 4-cycle, Gasoline	Honda Gx690	17.9(24)	3600	12	8	2

TAMPING RAMMER >>>

KTR100



Specification:

Model	Weight	Dimension	Shoe size	Impact force	Jumping height	Forward speed	Material	Type	Max.output	Max.speed	Fuel tank
	(kg)	(mm)	(mm)	(kn)	(mm)	(m/min)			kw(hp)	(rpm)	(L)
KTR100	90	L600xW600xH1000	L300xW330	20	40-70	0-25	Aluminum	Honda GX160	4.0(5.5)	3600	3

KTR80



Specification:

Model	Weight	Dimension	Shoe size	Impact force	Jumping height	Forward speed	Material	Type	Max.output	Max.speed	Fuel tank
	(kg)	(mm)	(mm)	(kn)	(mm)	(m/min)			kw(hp)	(rpm)	(L)
KTR80	85	L600xW600xH1000	L300xW330	15	40-65	0-25	cast-iron	Honda GX160	4.0(5.5)	3600	3

TAMPING RAMMER >>>

KTR80E



KTR100E



Specification:

Model	Weight	Dimension	Shoe size	Impact force	Jumping height	Forward speed	Engine	Body Material	Max.output	Max.speed
	(kg)	(mm)	(mm)	(kn)	(mm)	(m/min)			kw	(rpm)
KTR80E	90	L600xW600xH1000	L300xW330	15	40-65	8-10	Electric motor 380V/50HZ	cast-iron	3	3600
KTR100E	100	L600xW600xH1000	L300xW330	20	45-70	8-10	Electric motor 380V/50HZ	Aluminum	3	3600

KCS16

KCS18



Specification:

Model	Weight	Dimension	Cutting width	Max. cutting depth	Depth Adjustment	Driving Method	Disk Size	Engine	Engine type	Max. output	Max. speed	Water tank capacity	Fuel tank	Package size
	(kg)	(mm)	(mm)	(mm)			(mm)			kw(hp)	(rpm)	(L)	(L)	(mm)
KCS16	100	L930xW565xH1020	5-8	150	Handle Rotation	Manual Push	400-500	Air-cooled, 4-cycle, Gasoline	Honda Gx390	7.0(9.0)	3600	35	6.1	1000*540*840
KCS18	154	L980xW610xH1020	5-8	180	Handle Rotation	Manual Push	400-500	Air-cooled, 4-cycle, Gasoline	Honda GX390	9.6(13)	3600	30	6.5	980*610*1020

ROAD CUTTER



KCS28

Specification:

Model	FCS28
Weight	320kg
Max.cutting depth	260mm
Depth adjustment	Handle Rotation
Driving method	Manual Push
Disk size	700mm
Water tank capacity	40L
Package size	1400*700*1150mm



KCS40

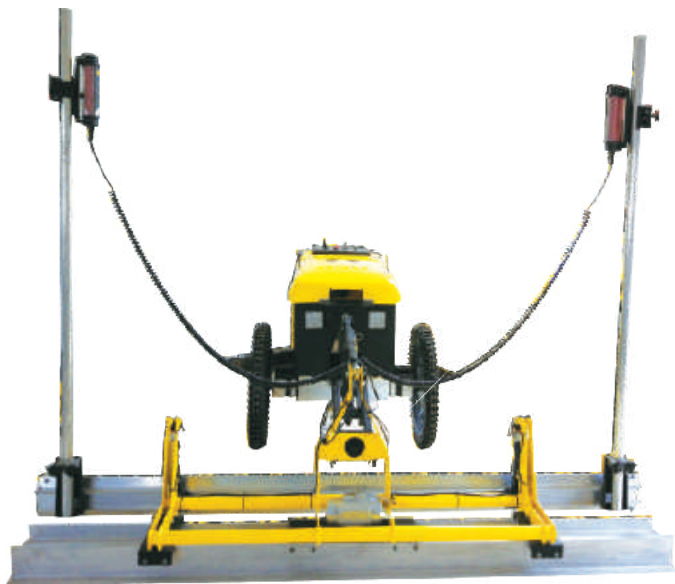


Specification:

Model	KCS40
Weight	280kg
Dimension	L1700xW750xH1250mm
Cutting width	10-12mm
Max.cutting depth	400mm
Depth adjustment	Handle Rotation
Driving method	Manual Push
Disk Size	1000mm
Engine	Diesel Motor
Max.output	16kw/22hp
Max.speed	3600rpm
Water tank capacity	40L
Package size	1700*750*1250mm/unit(Plywood)

CONCRETE LASER SCREED

KLS325



Specification:

Model	KLS325
Weight	220kg
Dimension	L2748*W2900*2044mm
Power supply system	2.6KW single cylinder four stroke gasoline engine EC2500CX
Electric servo system	Electric servo system
Tire	733mmATV tire(1.8-2.2BAR) or 3.0-21 narrow tire(1.6-2.1BAR)
Whole flat width	2.6m



CONCRETE LASER SCREED

KLS400



Specification:

Model	KLS400
Weight	741kg
Size	L3155*W3175*H1910
Walking speed	0-2.5km/h
Vibration frequency	50hz
Whole flat width	2.5m
Paving thickness	30-200mm
Engine Power	14.2kw
Fuel tank volume	35L

CONCRETE LASER SCREED

KLS500



Specification:

Model	KLS500
Weight	3.5t
Size	L4000*W2080*H1900mm
Walking speed	9km/h
Vibration frequency	3000rpm
Auger speed	200rpm
Arm extended	5m
Wiper length	2.5m
leveling area of square meters	13m ²
Maximum rotation angle	360°
Engine power	20kw&2200rpm
Fuel tank volume	70L
Hydraulic oil tank volume	70L