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MASTERPAC[®]
Professional Compaction

VIBRATORY ROLLER



SVR58 Series

185kg/408lb



DVR65 Series

720kg/1587lb



DVRS65 Series

640kg/1411lb



PDR90 Series

1354kg/2985lb

DOUBLE DRUM VIBRATORY ROLLER

DVR65 SERIES

Masterpac walk behind rollers are designed rugged and suitable for a wide range of applications in the construction industry. The rollers deliver excellent compaction to all types of gravel and asphalt surfaces for large and confined areas.



Technical Specification

Model	DVR65L	DVR65A
Engine Type	Lombardini 15LD440	Hatz 1B40
Power kw(hp)	8.1(11)	7.5(10.2)
Weight kg(lb)	718(1583)	721(1590)
Drum Diameter mm(in)	650 x ø404(25.6 x ø16)	
Static Linear Force N/cm	54	
Centrifugal Force kN	21	
Frequency vpm(Hz)	3300(55)	
Travel Speed km(ml)/h	0-3.6(0-2.2)	
Water tank capacity L(US gal)	65(17)	

*We reserve the right to improve or withdraw the specification or product without prior notice.

Features

MASTERPAC DVR65, different from most chain or belt driven roller on the market, comes with a fully hydraulic-drive system that consists of hydraulic pump and motors not only on vibration but also movement, eliminating the need for regular periodic adjustments and changes while providing variable working speed.

- DEADMAN CONTROL lever offers REVERSING PROTECTION.
- Mechanical parking brake.
- Multi position handle for operator comfort and simplified transport.
- Built-in oil cooler will increase the productivity of machine.
- Ergonomically designed handle lever is conveniently positioned to ensure speed and vibration.
- Anti vibration controls ensure non-fatiguing and low HAV (Hand/Arm Vibration) for the operator.
- The SIDE and CURB CLEARANCE allows for the closest possible approach to pavements, curbs, walls and other obstacles.
- Dual smooth drums with beveled edge eliminates mark on the ground and asphalt.
- Easy access to front mounted Diesel engine.
- 65 Liter, corrosion-free water tank mounted at the rear of roller reduces sound and keeps dust to a minimum.
- Two scraper bars on each drum ensure a clean drum when working on asphalt.
- Minimum overhang offers suitable side and curb clearance.
- Unique CLUTCH/PUMP drive system provides easy cold weather starting and allows for no-load starting of engine.



Engine choice of LOMBARDINI and HATZ



Electric starter is an option



Sturdy protected throttle control



Minimum overhang offer side clearance and curb clearance.



Ergonomically design handle with deadman control and reversing protection.

SINGLE DRUM VIBRATORY ROLLER

SVR58 SERIES

Masterpac single drum roller is lightweight and maneuverable for compaction of granular and asphalt applications, ideally suited to smaller repair and maintenance jobs such as footpath, bridges, patching, landscaping applications.

Features

- Hydraulic system provides variable working speed.
- DEADMAN CONTROL and REVERSING PROTECTION for maximum operator safety.
- Easy reach controls for operator comfort.
- Ergonomically designed height-adjustable handle for operator comfort and simplified transport
- Self-cleaning scrapers prevent the buildup of dirt.
- Beveled drum edge eliminates markings on surface.
- SIDE and CURB CLEARANCE allow for the closest approach to pavement, wall, curb and other obstacle.
- Compact design for easy handling in confined areas.
- Thick drum shells for longer drum life.
- Large corrosion-free water tank feature in easily removable for filling or cleaning.
- Built-in cooling fan is designed for longer life and continuous operation.



Technical Specification

Model	SVR58H	SVR58R
Engine Type	Honda GX160	Robin EX17
Power kw(hp)	4.0(5.5)	4.2(5.7)
Weight kg(lb)	185(408)	
Drum Diameter mm(in)	580 x ø400(23 x ø16)	
Centrifugal Force kN	10	
Static Linear Force N/cm	28.5	
Frequency vpm(Hz)	4560(76)	
Travel Speed m/min	0-50	
Water tank capacity L(US gal)	15(3.96)	

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Deadman control and reversing protection.



Variable height adjustment for operator's comfort.



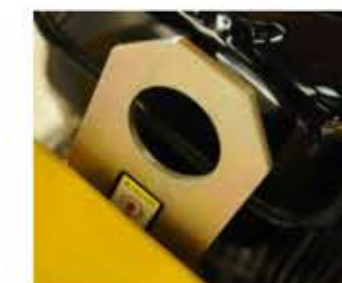
Narrow overhang for operation close to walls and curbs.



Thick drum shells for longer drum life.



Beveled drum edge.



Lifting hook.

WALK-BEHIND DOUBLE DRUM ROLLER

DVRS65 SERIES

DVRS65 is a vibratory roller with hydraulic-controlled movement, ideal for applications of asphalt, soil and granular material compaction. Its compact design makes it perfect in the jobs on curbs & sides and in confined areas.

Features:

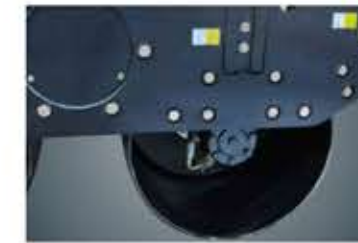
- Deadman control lever offers reversing protection.
- Mechanical parking brake.
- Ergonomically designed handle lever.
- Side and Curb clearance allow for the closest approach to curbs walls and other obstacles.
- Dual smooth drums with beveled edges eliminate marks on ground and asphalt.
- Low maintenance and easy accessible diesel engine.
- 40L corrosion-free water tank.
- Two scraper bars ensure a clean drum.
- High-quality hydraulic pumps and motors.



Ergonomically designed handle lever



Side and Curb clearance allow for the closest approach to curbs walls and other obstacles



Hydraulic Pump



Hydraulic Motor

Technical Specification

Model	DVRS65L	DVRS65H	DVRS65P	DVRS65K
Engine Type	LOMBARDINI 15LD350	HONDA GX390	KIPOR KM186F	KUBOTA E75-NB3
Power kw(hp)	4.6(6.2)	9.6(13)	5.5(7.4)	6.3 (8.4)
Weight kg(lb)	640(1411)	625(1378)	630(1389)	650 (1433)
Drum Diameter mm(in)	650 x ø402(25.6 x ø16)			
Statistic Linear Force N/cm	51			
Centrifugal Force kN	11.3			
Frequency vpm(Hz)	3300(55)			
Travel Speed km(mi)/h	0-3.6(2-2.4)			
Water tank capacity L(US gal)	40(10.6)			
Dimension mm(in)	2378X696X1130(94x27x44)			

ARTICULATED TANDEM ROLLER

PDR90 SERIES

Masterpac PDR90H Articulated Tandem Roller is suitable for compaction of asphalt, compaction of non-cohesive and cohesive soil and compaction of stabilized soils. It is used primarily for small-scale compaction work such as pavements, cycle paths, small roads and small parking areas- places that need compaction but are difficult to reach with a larger roller.

Features:

- Articulated movement with power-assist provides accurate, positive steering control and increases maneuverability in confined job sites.
- The hydraulic pump and motors are connected in series to offer the maximum traction and smooth rolling as well as excellent gradeability.
- 40mm side clearance allows close operations near walls and obstructions.
- Curb clearance 415mm insures flush compaction to the curb.
- Unobstructed driver visibility—open, uncluttered operator's platform allows clear views.
- A spacious, vibration-damped operator platform and an ergonomically positioned step make the machine extremely operator-friendly.
- Flip-open engine hood provides easy accessibility to engine and components for daily maintenance and service.
- Ergonomic layout and design of the operating controls: the Easy Drive steering wheel, multifunctional control lever, and comfortable armrests.
- Large 100L water tank is equipped with pressurized water system offers consistent water flow.

Technical Specification

Model	PDR90H	PDR90K
Net Weight(Kgs/Lb)	1354/2985	1430/3153
Operating weight(Kgs/Lb)	1529/3371	1575/3472
Engine Type	HONDA GX690	KUBOTA D902-E3B
Power (Kw)	16.5kw	15.1 kw
Drum width (mm/in)	900/35.4	
Drum diameter (mm/in)	560/22	
Number of vibrating drums	1/Front wheel	2/Front and rear wheels
Driving system	Hydraulic	
Number of driving drums	2/Front and rear wheels	
Dynamic Centrifugal force per drum (kN)	18	
Frequency (Hz)	60	
Amplitude (mm/in)	0.5/0.02	
Dynamic linear force	83N/CM (Front wheel)	
Forward/reverse speed	0-8.7	
Maximum gradeability	30%	
Turning radius	2.3m(inside)	
Steering angle	±30°	
Hydraulic oil tank capacity(L/ US gal)	37 / 9.8	
Water tank capacity(L/ US gal)	100 / 26.4	
Fuel tank capacity (L/ US gal)	30 / 7.9	
Light	2(Front) ,2(Back),Warning lamp(Overhear)	
Tracting device	Front and rear	
Side clearance (R/L)	40/40mm(R/L)	
Curb clearance (R/L)	415/415(R/L)	
Dimension (mm/in)	2019x994x2308(1730)/79x39x91(68)	



Big drum diameter makes compaction easier even on soft tricky asphalt mixes and thick drum shells for longer life-span



Clean and ergonomic layout of dashboard, variable height adjustment of steering minimizing operator fatigue



Articulated steering with a maintenance-free hitch and steering cylinder reduces maintenance



Ergonomic adjustable seat for maximizing the operator comfort

