

1648 PLUS

Asphalt Paver



	1648 Plus
Paving Range	2' - 13' (0.6 m - 3.9 m)
Paving Speed	130 FPM (40 m/min)
Hopper Capacity	6 tons
Engine	Yanmar Tier III
Horsepower	48 HP (35.4 kW)

1648 PLUS PAVER

1648 Plus Power Box Paver

YANMAR - Direct-injection 48 HP (35 kW) diesel engine

SCREED HEATING - Dual propane system

ADDED STABILITY - Front counterweight provides stability

VARIABLE SPEED CONTROL - Infinite control over travel speed, matching any paving condition

ASPHALT HOPPER FRONT LIP - Retains asphalt in the hopper, minimizing spillage

EXCELLENT SERVICE ACCESS - Engine can be serviced from both sides and provides easy access to hoses and components for simple maintenance



Full-floating, adjustable and vibratory screeds are standard. The 8' (2.4m) length and 13' (3.9m) width provide a solid foundation for smooth mats. The 1648 utilizes a fully heated wear plate.



Independent hydraulically driven augers found on the screed extensions on the 1648 model are efficient at moving material to the end of the extension, allowing for a true 13' (3.9 m) paving experience.

SPECIFICATIONS

SPECIFICATIONS		1648 Plus
DIMENSIONS	Overall Height (mm)	7'1" (2172)
	Transport Width (mm)	8'6" (2591)
	Operating Width (mm)	10'5" (3175)
	Length (mm)	9'7" (2921)
	Truck Clearance (mm)	23" (584)
	Operating Weight (kg)	10,600 lbs. (4808)
ENGINE	Model	Yanmar
	Type	Tier III - Diesel
	Net Power (kW) @ rpm	48 hp (35.4) @ 3000
	Fuel Tank (L)	12.5 gal. (47.3)
SCREED	Full Floating & Adjustable (mm)	8' - 13' (2438 - 3962)
	Vibratory	3000 vpm - maximum
	Exhaust-Heated	N/A
	Propane-Heated	Standard
	Hydraulic Extensions (mm)	30" (762) w/ 6" (152) wear plate
	Crown / Invert Adjustment (mm)	Single Lever, 0"-3" (0 - 76)
MATERIAL FLOW	Independent Hydraulic Operated Gates	Standard
	Gate Cut-Off Plates (mm)	Option, 6"-36" (152 - 915)
	Gravity Flow Asphalt Hopper Capacity (kg)	6 tons (5443)
	Independent Hydraulic Operating Augers	Located on the Gate or Screed Extension
DRIVE CONFIGURATION	Speed (m/min)	Single, 0 - 130 FPM (0 - 40)
	Self-Adjusting, Steel Track (mm)	12" x 3" (305 x 76)
	Counter-Rotating	Standard
	Fine Tune Steering Valve	Standard
	Track Length (mm)	48" (1219)
OPERATOR STATION	Platform	Isolated Dual-Span
	Controls	Left and Right Sides
	Muffler w/Exhaust Diverter Valve	N/A
	Wash-Down Stations (L)	Dual, 5.5 gal. (21)
HYDRAULIC SYSTEM	Variable Hydrostatic Drive Pump (L/min)	37.0 gpm (140)
	Hydraulic Auger Drive Pump (L/min)	10.9 gpm (41.3)
	Hydraulic Cylinder Pump (L/min)	10.9 gpm (41.3)
	Hydraulic Oil Cooler Capacity (L/min)	32.0 gpm (121.1)
	Hydraulic Reservoir (L)	20 gal. (75.7)
PERFORMANCE	Paving Width - Minimum (mm)	2' (610)
	Paving Width - Standard (mm)	8' (2438)
	Paving Width - Maximum (mm)	13' (3962)
	Paving Depth (mm)	0" - 6" (0 - 152)
	Hydraulic Feed Auger	2
	Hydraulic Material Flow Gates	2