

GEHL

**1448/1648 Plus Power Box[®]
Asphalt Pavers**





Quality Paves. More Business.

Power Box® Asphalt Pavers deliver what paving professionals need most: a quality paving job, which leads to repeat business and referrals.

Designed to handle all kinds of commercial and municipal applications, these machines really perform for the contractors who make their living from the platform of a paver.

- Paving widths from 4* to 13 feet (*with cut-off plates and baffles)
- Paving depths adjustable to 6 inches
- Fully heated, fully extendable, free-floating screeds
- Reduced engine noise from previous models
- Left- and right-hand operating controls
- Excellent visibility due to low backwall design
- Speeds as high as 130 FPM

FEATURES

Offering all these benefits and versatility, a paver from Gehl will excel in a number of areas. Compared to the competition, the Power Box® line doesn't just excel, it leads.

It even has the ability to pave on side grades. Check out these features, which make pavers from Gehl the right choice for today's contractors.



Redesigned hydraulic hose-routing system and three test ports make diagnostic access fast and clean. An engine access panel allows unobstructed access to the alternator and starter.

The direct-drive track design is self-cleaning, and adjusts tension with a hydraulic cylinder. The track design is resistant to slipping, providing versatility in different sub-base conditions.



RAISING THE BAR HIGHER: THE 1648 PLUS PAVER

MODELS
1448 Plus
1648 Plus



- **Yanmar direct-injection 48 hp diesel engine**
- **Screed Heating** – dual propane system is used to heat the screed
- **Added stability** – front counterweight provides more stability
- **Variable speed control** – infinite control over travel speed, matching any paving condition
- **Asphalt hopper front lip** – retains asphalt in the hopper, eliminating unwanted spillage
- **Excellent service access** – engine can be serviced from both sides, and provides easy access to hoses and other components for simple maintenance

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SETTING THE STANDARD: THE 1448 PLUS PAVER

- **Yanmar direct-injection 36 hp diesel engine** – smooth running, quiet engine with easy starting to below 40 degrees Fahrenheit
- **Screed Heating Capability** – an exhaust diverter valve allows the operator to choose between exhaust heating the screed or routing the exhaust through the muffler, a propane heated screed is optional
- **Warning Alarms** – electronic module features visual and audible warning alarms
- **Excellent service access** – engine can be serviced from both sides, and provides easy access to hoses and other components for simple maintenance
- **Larger hydraulic cooler** – maintains safe operating oil temperature in tough paving conditions



Full-floating, adjustable and vibratory screeds are standard on the Power Box[®] Series. The 8' length and 13" width provide a solid foundation for smooth asphalt mats. Beyond 8 feet, the 1448 Plus utilizes a strike-off plate screed extension and the 1648 Plus utilizes a fully-heated wear plate.



Independent hydraulically driven augers found on the screed extensions on the model 1648 Plus are efficient at moving material to the end of the extension, allowing for a "true" 13 foot paving experience.

SPECIFICATIONS

SAFETY IS NO ACCIDENT.

Gehl Company reminds users to read and understand the operator's manual before operating any piece of equipment.

Also, make sure all safety devices and shields are in place and functioning properly.

Gehl reserves the right to add improvements or make changes in specifications at any time without notice or obligation.

	1448 Plus	1648 Plus
DIMENSIONS, MEASURES & WEIGHTS		
Overall Height (mm)	6'11" (2108)	7'1" (2172)
Transport Width (mm)	8'5" (2565)	8'6" (2591)
Operating Width (mm)	10'9" (3277)	10'5" (3175)
Length (mm)	7'4" (2235)	9'7" (2921)
Truck Clearance (mm)	23" (584)	23" (584)
Operating Weight (kg)	7775 lbs. (3527)	10,600 lbs. (4808)
ENGINE*		
Model	Yanmar	Yanmar
Type	Diesel	Diesel
Net Power (kW)	36 hp (27) @ 3000 rpm	48 hp (35.4) @ 3000 rpm
Fuel Tank (L)	8 gal. (30)	12.5 gal. (47.3)
SCREED		
Full Floating & Adjustable (mm)	8' - 12' (2438 - 3658)	8' - 13' (2438 - 3962)
Vibratory	2500 vpm – maximum	3000 vpm – maximum
Exhaust-Heated	Standard	N/A
Propane-Heated	Option	Standard
Hydraulic Extensions (mm)	24" (610) w/strike-off	30" (762) w/ 6" (152) wear plate
Crown / Invert Adjustment (mm)	Dual Lever, 0" - 2" (0 - 51)	Single Lever, 0" - 3" (0 - 76)
MATERIAL FLOW		
Independent Hydraulic Operated Gates	Standard	Standard
Gate Cut-Off Plates (mm)	Option, 6" - 36" (152 - 915)	Option, 6" - 36" (152 - 915)
Gravity Flow Asphalt Hopper Capacity (kg)	4 tons (3629)	6 tons (5443)
Independent Hydraulic Operating Augers	Located on the Gate	Located on the Gate or Screed Extension
DRIVE CONFIGURATION		
Speed (m/min)	Single, 0 - 80 FPM (0 - 24)	Single, 0 - 130 FPM (0 - 40)
Self-Adjusting, Steel Track (mm)	12" x 3" (305 x 76)	12" x 3" (305 x 76)
Counter-Rotating	Standard	Standard
Fine Tune Steering Valve	N/A	Standard
Track Length (mm)	43" (1092)	48" (1219)
OPERATOR STATION		
Platform	Single-Span	Isolated Dual-Span
Controls	Left and Right Sides	Left and Right Sides
Muffler w/Exhaust Diverter Valve	Standard	N/A
Wash-Down Stations (L)	Single, 5 gal. (18.9)	Dual, 5.5 gal. (21)
HYDRAULIC SYSTEM		
Variable Hydrostatic Drive Pump (L/min)	17.0 gpm (64)	37.0 gpm (140)
Hydraulic Auger Drive Pump (L/min)	7.5 gpm (28.4)	10.9 gpm (41.3)
Hydraulic Cylinder Pump (L/min)	N/A	10.9 gpm (41.3)
Hydraulic Oil Cooler Capacity (L/min)	12.0 gpm (45.4)	32.0 gpm (121.1)
Hydraulic Reservoir (L)	18.0 gal. (68)	20 gal. (75.7)
PERFORMANCE		
Paving Width (mm)		
Minimum	4' (1219)	4' (1219)
Standard	8' (2438)	8' (2438)
Maximum	12' (3658)	13' (3962)
Paving Depth (mm)	0" - 6" (0-13)	0" - 6" (0-13)
Hydraulic Feed Auger	2	2
Hydraulic Material Flow Gates	2	2

* Beginning April 2008 engines will be Tier III-compliant

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