

VOLVO SCREED
OMNISCREED® IIIA, IIIE



MORE CARE. BUILT IN.



BRING THE HEAT

Volvo presents the OmniScreed® IIIA (with diesel heat) and IIIE (with electric heat), two 3,05 m **(10')** extendible screeds that provide infinitely variable paving widths up to 5,49 m **(18')** without adding extensions. The main screed and both independent, full-depth, front-mounted, hydraulically extendible sections are equipped with vibration and heat. All screed sections are built with an abrasion-resistant (AR) alloy steel that provides up to twice the service life of competitive, standard AR steel plates.

Performance Features

- 3,05 m – 5,49 m **(10' – 18')** standard paving widths
- 16 kW **(21.4 hp)** generator provides electric power for faster heating (IIIE only)
- Electric / hydraulic controls for crown, slope, and height adjustments
- Front-mounted extensions
- Full-depth screed surface is 457 mm **(18")** wide for screed plates on main and extendible screed sections
- Bolt-on, replaceable, abrasion-resistant QT steel screed plates
- Dual control consoles
- Wide fold-up walkways (IIIE only)
- Extendible walkway (IIIA)
- Spring-loaded MatStop® edger plates with replaceable wear shoes

Options

- Wedge-Lock® extension kits up to 7,32 m **(24')**
- Auxiliary power kit
- Retrofit Kit (PF5510, PF3200 e.g.)



SPECIFICATIONS

Dimensions		OmniScreed IIIA	OmniScreed IIIE
Basic Screed Width	m (ft)	3,05 (10)	3,05 (10)
Standard Paving Width	m (ft)	3,05 – 5,49 (10 – 18)	3,05 – 5,49 (10 – 18)
Maximum Paving Width with Extensions	m (ft)	7,32 (24)	7,32 (24)
Paving Depth Range	mm (in)	6 – 305 (0.25 – 12)	6 – 305 (0.25 – 12)
Screed Plate Width	mm (in) Main	457 (18)	457 (18)
Screed Plate Width	mm (in) Extensions	457 (18)	457 (18)
Screed Plate Thickness	mm (in)	12,7 (0.5)	12,7 (0.5)
Screed Weight	kg (lb)	3 184 (7,020)	3 402 (7,500)
Compaction			
Vibrators	Main Screed	4	2
Vibrators	Extensions	2 on each	1 on each
Vibrator Speed	Hz (rpm)	0 – 41,67 (0 – 2,500)	0 – 71,67 (0 – 4,300)
Center Power Crown	mm (in)	76 (3) positive to 19 (0.75) negative	76 (3) positive to 19 (0.75) negative
Extension Power Slope		Up to 8% positive 25 mm per 305 mm (1" per 1')	Up to 8% positive 25 mm per 305 mm (1" per 1')
Extension Height Adjustment (relative to main)		Electric / Hydraulic	Electric / Hydraulic
Mat Depth Control		Manual	Manual
Heating			
Screed Heat Type		Diesel	Electric
Screed Heat Pads	Main	–	2
Screed Heat Pads	Extensions	–	1 on each
Miscellaneous			
Fits Volvo Pavers		PF3172	PF3172
Retrofit Kits		PF5510, PF3200	PF5510, PF3200
Electric Generator	kW (hp)	–	16 (21.4) 14,5 (19.4)
Comm #, Screed		20340345	13386875
Comm #, 305 mm (1') Extension, Heat Only		20219234	13348586
Comm #, 305 mm (1') Extension, Heat and Vibration RH		20219887	13348636
Comm #, 305 mm (1') Extension, Heat and Vibration LH		20219879	13348644

Product improvement is a continuing goal at Volvo. Designs and specifications are subject to change without notice or obligation.



Volvo Construction Equipment is different. The company's products are designed, built and supported in a different way. That difference comes from our 175-year engineering heritage. A heritage of thinking first about the people who actually use the machines. About how to make them safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.**



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

Volvo Construction Equipment
www.volvoce.com/na

Ref. No. 22 A 100 4067
Printed in USA 10/08 – 3,0
Volvo, Asheville
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English
USA