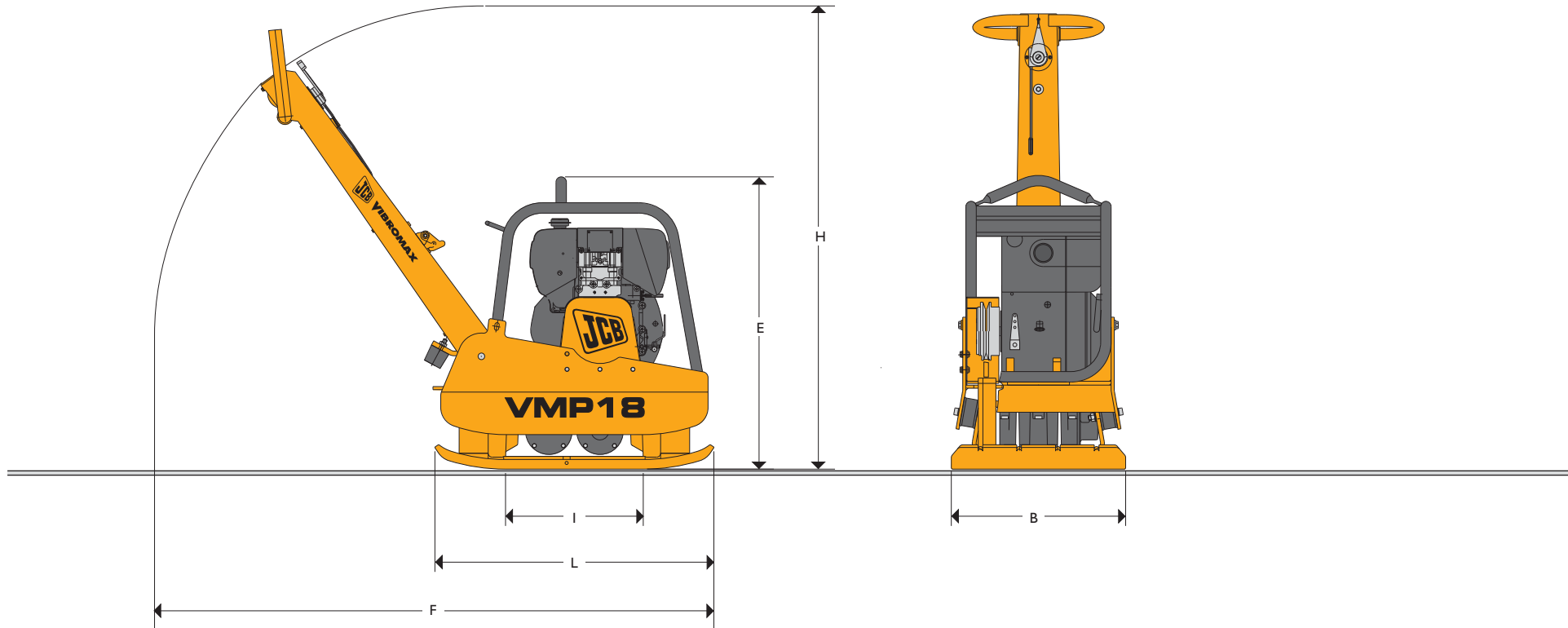




## JCB VIBROMAX – COMPACTION EQUIPMENT REVERSIBLE PLATE COMPACTOR VMP18



MAX. PLATE WIDTH: 450mm (17.7in)  
MAX. OPERATING WEIGHT: 177kg (390lb)



### STATIC DIMENSIONS

Dimensions in millimetres (in)	
<b>B</b> Overall width	450 (17.7)
<b>E</b> Height without guide bar	730 (28.7)
<b>F</b> Total length	1600 (62.9)
<b>H</b> Total height	1250 (49.2)
<b>I</b> Contact length	400 (15.7)
<b>L</b> Plate length	700 (27.5)

### OPERATING DATA

Operating weight	kg (lb)	177 (390)
Exciter frequency	Hz (vpm)	75 (4500)
Working width*	cm (in)	45 (17.7)
Centrifugal force	kN (lbf)	30 (6744)
Contact area	cm <sup>2</sup> (in <sup>2</sup> )	1620 (251)
Centrifugal force / contact area	N/cm <sup>2</sup> (lbf/in <sup>2</sup> )	18.5 (26.9)
Compaction depth up to	cm (in)	50 (19.7)
Working speed forward / reverse max.	m/min (ft/min)	20 (65.6)
Compacted area up to	m <sup>2</sup> /h (ft <sup>2</sup> /h)	450 (5810)

\* Other working widths on request.



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### ENGINE

Single cylinder, air-cooled, four-stroke-diesel engine.

Make		HATZ
Model		1B20
Piston displacement	cm <sup>3</sup> (in <sup>3</sup> )	232 (14.2)
Performance – DIN 6271	kW (hp)	3.1 (4.2)
Operating speed @ rpm	min <sup>-1</sup>	2950
Starting device		Recoil starter
Air cleaner		Dry air cleaner
Fuel filter		Cartridge

### SERVICE CAPACITIES

Fuel	litres (US gal)	3.2 (0.8)
Engine oil (engine)	litres (US gal)	0.9 (0.2)
Engine oil (exciter)	litres	0.4

### PROPULSION

See exciter drive.

### EXCITER DRIVE

Centrifugal clutch and V-belt drive.

### EXCITER

Twin shaft directional force exciter with active direction infinitely adjustable.



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