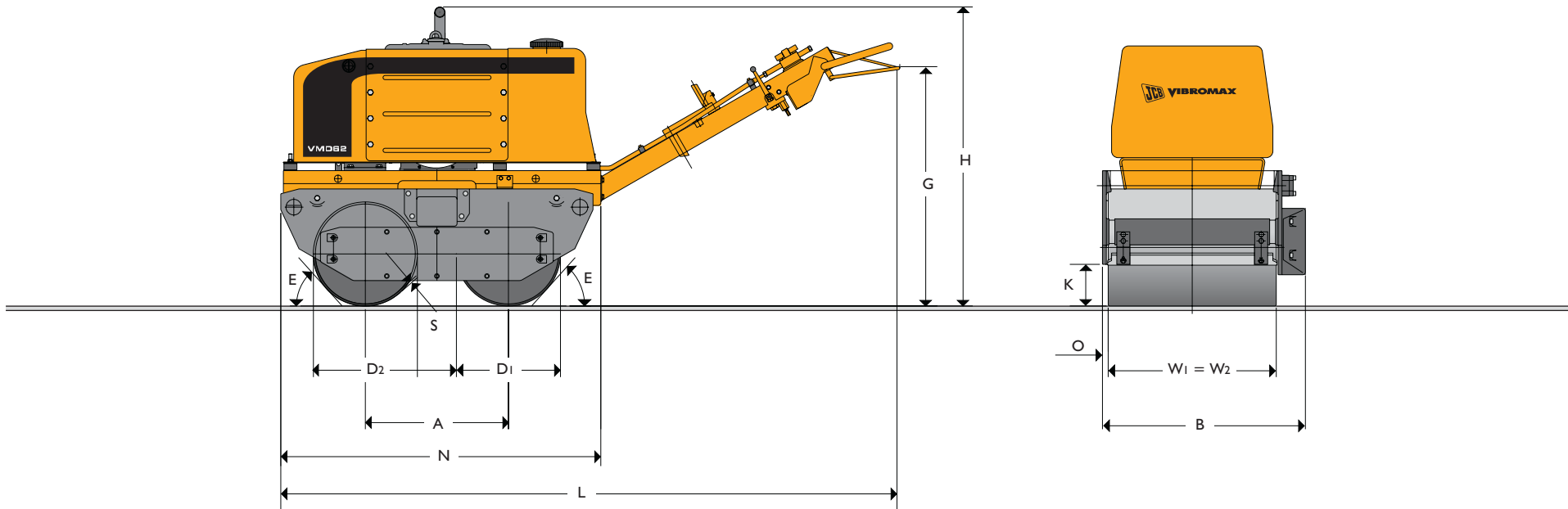




JCB VIBROMAX – COMPACTION EQUIPMENT DOUBLE DRUM WALK BEHIND ROLLER VMD62



DRUM WIDTH: 600mm (23.6in)
OPERATING WEIGHT: 600kg (1323lb)



STATIC DIMENSIONS

| Dimensions in millimetres (in) | | |
|--------------------------------|---------------------|-------------|
| A | Wheelbase | 550 (21.7) |
| B | Overall width | 700 (27.6) |
| D1=D2 | Drum diameter | 400 (15.7) |
| G | Height of guide bar | 950 (37.4) |
| H | Overall height | 1150 (45.3) |
| K | Curb clearance | 195 (7.7) |
| L | Total travel length | 2380 (93.7) |
| N | Length of frame | 1230 (48.4) |
| O | Overhang | 22 (0.87) |
| S | Drum thickness | 8 (0.31) |
| W1=W2 | Drum width | 600 (23.6) |
| E | Departure angle | 56° |

OPERATING DATA

| | | |
|------------------------------------|--|---------------------------|
| Operating weight (CECE) | kg (lb) | 600 (1323) |
| Operating axle load front / rear | kg (lb) | 280 (617) / 320 (706) |
| Operating linear load front / rear | kg/cm (lb/in) | 4.7 (26.3) / 5.3 (29.7) |
| Exciter frequency | Hz | 55 |
| Nominal amplitude | mm (in) | 0.44 (0.02) |
| Centrifugal force | kN (lbf) | 16 (3596) |
| Centrifugal force / drum width | N/cm (lbf/in) | 133 (75.9) |
| Travel speed forward / reverse | km/h (mph) | 0-5 (0-3.1) / 0-2 (0-1.2) |
| Compaction depth up to | cm (in) | 30 (11.8) |
| Compaction area (at 2km/h) | m ² /h (yd ² /h) | 830 (993) |
| Gradeability up to | degrees (%) | 19 (35) |



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ENGINE

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

| | | |
|------------------------|------------------------------------|--|
| Make | | HATZ |
| Model | | I D 50 S |
| Piston displacement | cm ³ (in ³) | 517 (31.5) |
| Performance – DIN 6271 | kW (hp) | 6.5 (8.8) |
| Operating speed | rpm | 2500 |
| Starting device | | Security crank; Option: electric starter |
| Air cleaner | | Dry air cleaner |
| Fuel filter | | Cartridge |
| Fuel consumption | l/h (US gal/h) | 1.2 (0.32) |

PROPULSION

Hydrostatic, with variable displacement pump, centrifugal clutch and constant displacement motor direct drive to a gear system on both drums = all drum drive.

EXCITER DRIVE

Hydrostatic.

EXCITER

Single-shaft circular exciter in the drum frame.

BRAKING SYSTEM

| | |
|-----------------------|--------------------------------|
| Service brake: | Hydrostatic propulsion system. |
| Safety brake: | Hydro-mechanical system. |
| Parking brake: | Mechanical. |

SERVICE CAPACITIES

| | | |
|----------------------|-----------------|-------------|
| Fuel | litres (US gal) | 5 (1.32) |
| Engine oil (engine) | litres (US qt) | 1.5 (1.59) |
| Engine oil (exciter) | litres (US qt) | 0.25 (0.26) |
| Hydraulic oil | litres (US qt) | 30 (31.7) |
| Sprinkler water rear | litres (US gal) | 65 (17.2) |

STANDARD EQUIPMENT

Maintenance-free hydrostatic exciter drive, flexibly mounted stainless steel water tank. Deadman brake in guide handle.

OPTIONAL EQUIPMENT

Protective-frame with central lifting eye, tiltable guide bar (CE = standard), recoil damper (CE = standard).



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of Hard Work