



Technical specification

PBM 16-30"

| | Unit | Model |
|-----------------------------------------------|-----------|--------------------------------|
| PBM 16-30" | | |
| ENGINE* | | |
| Type | | Deutz TCD 2012 L04 2V |
| Fuel | | diesel |
| No of cylinders | pcs | 4 |
| Configuration | | inline-four |
| Displacement | ccm | 4038 |
| Cooling | | liquid |
| Power | kW/hp | 83 / 113 |
| Engine speed | rpm | 2200 |
| Airfilter | | dry |
| Emission class | | TIER 3, COM 3, EPA 3 |
| HYDRAULIC SYSTEM | | |
| Type of pump | | axial piston open circuit pump |
| No of pump | | single |
| Maximum pressure | bar | 250 |
| Flow at rated speed | l/min | 125,4 |
| CAPACITIES | | |
| Fuel tank | l | 250 |
| Hydraulik tank | l | 400 |
| ENGINE ELECTRICAL SYSTEM | | |
| Voltage | V | 24 |
| Number's of batteries, maintenance free | pcs | 2 |
| Capacity of batteries | A/hr | 176 |
| Power of alternator | A | 80 |
| Starter | kW | 4 |
| WINCH | | |
| Type | | Hydraulic drive |
| Maximum pulling force (bottom/top rope layer) | kN | 80/50 |
| Maximum rope speed (bottom/top rope layer) | m/min | 7/11 |
| Rope diameter | mm | 12 |
| Maximum oil pressure | bar | 200 |
| TIRE / UNDERCARRIAGE | | |
| Track chain type / type | | B1 |
| Track/Carrier rollers | pcs | 4 |
| Gauge | mm | 1490 |
| Length of track on ground | mm | 1400 |
| Triple grouser shoes width | mm | 500 |
| MEASUREMENTS AND WEIGHT | | |
| Length | mm | 6300 |
| Width | mm | 3090 / 2700*** |
| Height | mm | 2250 |
| Operating weight | kg | 19000 |
| Article no. | | 40442 |
| COMPRESSOR** | | |
| Article no. 90270 | | |
| Type | | Atlas Copco LT15-20 |
| Hydraulic drive | | Parker F12-40 |
| Operating pressure air | bar / psi | max. 20 / 290 |
| Airflow | l/s | 15,1 l/s @1500 rpm |
| Air reservoir capacity | l | 2 x 150 |

* other types on request | ** optionally available

*** without platform | **** without undercarriage | ***** without winch

Mistakes and changes are reserved