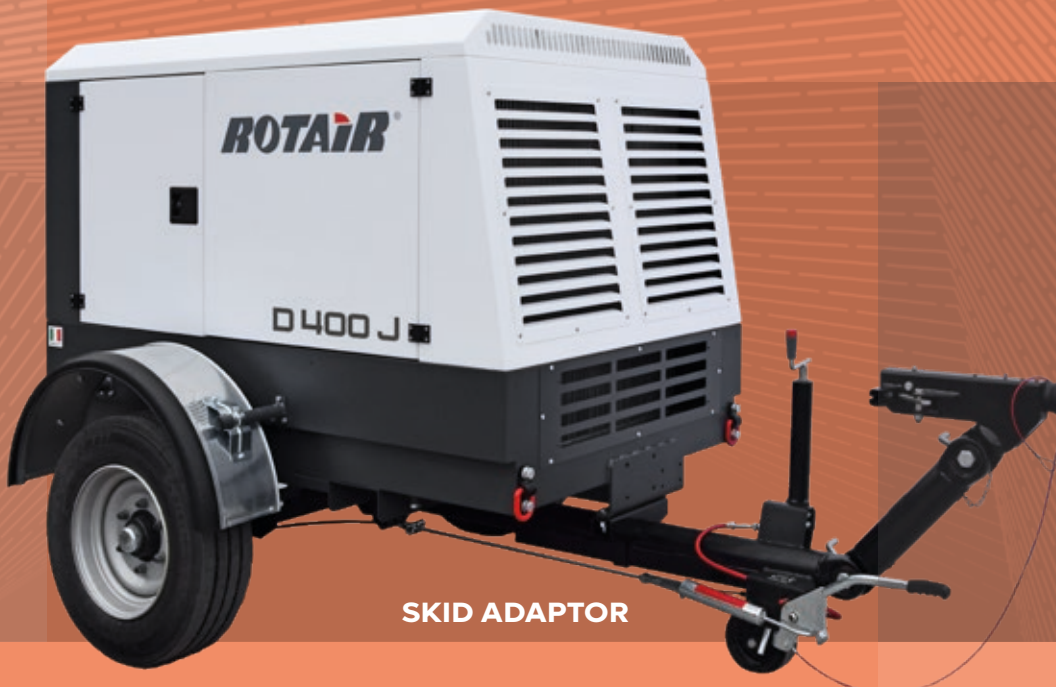




# D 400 J



SKID ADAPTOR

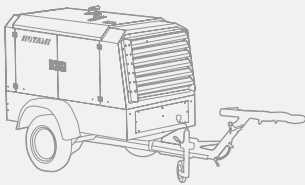
DESIGN WITH  
MODERN, SLENDER AND  
AGGRESSIVE LINE.

ELECTRO-GALVANIZED  
BODYWORK AND CHASSIS  
WITH ADVANCED PAINTING  
PROCEDURE TO GRANT AN  
EXCELLENT PRESERVATION  
THROUGH TIME.

LIGHT WEIGHT  
AND COMPACT DIMENSIONS  
FOR EASY HANDLING AND  
OPTIMUM DIMENSIONS /  
DELIVERED POWER RATIO.

- › Filters "spin-on" type for quick maintenance
- › Full accessibility for easy and rapid maintenance and service.
- › Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel consumption saving.
- › Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- › Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.
- › The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- › Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, two-stage air filter for engine part.
- › Fuel pre-filter with water separation and second filter to clean fuel in very dusty conditions
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.





## D 400 J

L = 3620 mm / 142.52"  
 W = 1885 mm / 74.21"  
 H = 2016 mm / 79.37"

1835 kg / 4045 lbs (without brakes)  
 1935 kg / 4266 lbs (with brakes)

### COMPRESSOR

Operating pressure	<b>7 bar</b> <b>102 psi</b>	<b>10 bar</b> <b>145 psi</b>	<b>12 bar</b> <b>174 psi</b>
Free Air Delivery	<b>12000 lt/min</b> <b>424 cfm</b>	<b>10800 lt/min</b> <b>381 cfm</b>	<b>10000 lt/min</b> <b>353 cfm</b>
Minimum working pressure	<b>5,5 bar - 80 psi</b>		
Drive system engine-airend	<b>Direct drive</b>		
Compressor cooling system	<b>Air / Oil</b>		
Oil cooling capacity	<b>29 lt - 6.38 UK gal</b>		
Outlet valves	<b>3 x 3/4" + 1 x 2"</b>		
Noise level EECno 2000/14	<b>&gt; 99 LWA</b>		
Battery capacity	<b>12V cc - 680A - 74Ah (2x)</b>		
Fuel tank capacity	<b>200 lt - 44 UK gal</b>		
Consumes	<b>14,3 lt/h - 3.15 UK gal/h (10 working hours)</b>		

### DIESEL ENGINE

Engine make	<b>JCB</b>
Engine type	<b>444 TCA</b>
Engine system	<b>4 strokes - Inline</b>
Emissions	<b>Stage II / Tier 2</b>
Displacement	<b>4400 cc</b>
N. cylinders	<b>4</b>
Aspiration	<b>Turbo Intercooler</b>
Max engine power @2200 rpm	<b>93 kW - 126,5 CV</b>
Max engine speed	<b>2200 rpm</b>
Min engine speed	<b>1600 rpm</b>
Cooling system	<b>Water</b>
Cooling system capacity	<b>22 lt - 4.8 UK gal</b>
Lubrication system	<b>Oil</b>
Lubrication system capacity	<b>14 lt - 3.08 UK gal</b>

### QUALITY OF AIR

Oil in air	<b>≤ 3 PPM</b>
Compressed air temperature	<b>Ambient +40°C   +72°F</b>

### ENVIRONMENTAL CONDITIONS

Max altitude	<b>1800 m a.s.l.</b>
Min/Max working temperature.	<b>-10°C / +55°C   14°F / 131°F</b>



# D 400 P



**SKID ADAPTOR**

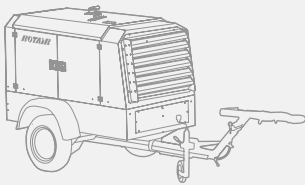
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- › Fuel pre-filter with water separation and second filter to clean fuel in very dusty conditions
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.





## D 400 P

L = 3620 mm / 142.52"  
 W = 1885 mm / 74.21"  
 H = 2016 mm / 79.37"

1650 kg / 3638 lbs (without brakes)  
 1835 kg / 4045 lbs (with brakes)

### COMPRESSOR

Operating pressure	<b>7 bar</b> <b>102 psi</b>	<b>10 bar</b> <b>145 psi</b>	<b>12 bar</b> <b>174 psi</b>
Free Air Delivery	<b>12000 lt/min</b> <b>424 cfm</b>	<b>11000 lt/min</b> <b>388 cfm</b>	<b>10000 lt/min</b> <b>335 cfm</b>
Minimum working pressure	<b>5,5 bar - 80 psi</b>		
Drive system engine-airend	<b>Direct drive</b>		
Compressor cooling system	<b>Air / Oil</b>		
Oil cooling capacity	<b>29 lt - 6.38 UK gal</b>		
Outlet valves	<b>3 x 3/4" + 1 x 2"</b>		
Noise level EECno 2000/14	<b>&gt; 99 LWA</b>		
Battery capacity	<b>12V cc - 950A - 132Ah (EN)</b>		
Fuel tank capacity	<b>200 lt - 44 UK gal</b>		
Consumes	<b>26 lt/h - 5.72 UK gal/h (9.9 working hours)</b>		

### DIESEL ENGINE

Engine make	<b>PERKINS</b>
Engine type	<b>1104C-44TA</b>
Engine system	<b>4 strokes - Inline</b>
Emissions	<b>Stage II / Tier 2</b>
Displacement	<b>4400 cc</b>
N. cylinders	<b>4</b>
Aspiration	<b>Turbo Intercooler</b>
Max engine power @2200 rpm	<b>97 kW - 132 CV</b>
Max engine speed	<b>2200 rpm</b>
Min engine speed	<b>1600 rpm</b>
Cooling system	<b>Water</b>
Cooling system capacity	<b>25 lt - 5.5 UK gal</b>
Lubrication system	<b>Oil</b>
Lubrication system capacity	<b>8 lt - 1.76 UK gal</b>

### QUALITY OF AIR

Oil in air	<b>≤ 3 PPM</b>
Compressed air temperature	<b>Ambient +40°C   +72°F</b>

### ENVIRONMENTAL CONDITIONS

Max altitude	<b>1800 m a.s.l.</b>
Min/Max working temperature.	<b>-10°C / +50°C   14°F / 122°F</b>