



# MDVN 52 Eco5



**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.
- › European homologation for road circulation with and without brakes.
- › 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.
- › Two-stage air filter for engine part.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.





## MDVN 52 Eco5

695 kg / 1532 lbs (without brakes)  
 745 kg / 1642 lbs (with brakes)  
 690 kg / 1521 lbs (with skid adapters)

### COMPRESSOR

	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	14 bar 203 psi
Operating pressure				
Free Air Delivery	5200 l/min 184 cfm	4100 l/min 145 cfm	4050 l/min 143 cfm	3100 l/min 110 cfm
Minimum working pressure	5 bar - 73 psi			
Drive system engine-airend	Direct drive			
Compressor cooling system	Air / Oil			
Oil cooling capacity	8 l - 1.76 UK gal			
Outlet valves	2 x 3/4"			
Noise level EECno 2000/14	< 98 LWA			
Battery capacity	12V cc - 750A - 100Ah (EN)			
Fuel tank capacity	55 l - 12.1 UK gal			
Consumes	9,5 l/h - 2,1 UK gal/h @2300rpm			

### DIESEL ENGINE

Engine make	HATZ
Engine type	3H50 TICD
Engine system	4 strokes - Diesel
Emissions	Stage V / Tier 4 Final
Displacement	1464 cc
N. cylinders	3
Aspiration	Turbo Intercooler
Max engine power @ 2800 rpm	42 kW - 57,1 CV
Max engine speed	2300 rpm
Min engine speed	2000 rpm
Cooling system	Water + Antifreeze
Cooling system capacity	8 l - 1.76 UK gal
Lubrication system	Oil
Lubrication sys capacity	5 l - 1.1 UK gal

### QUALITY OF AIR

Oil in air	1-3 PPM
Compressed air temperature	Ambient +40°C   +72°F

### ENVIRONMENTAL CONDITIONS

Max altitude	1800 m a.s.l.
Min/Max working temp.	-10°C / +55°C   14°F / 122°F