



MSP 3000

STAGE V
READY

PRODUCT INFORMATION



KEY FEATURES

Free air delivery	m ³ /min (cfm)	2,9 (105) - 2,1 (75)
Working pressure	bar (psi)	7 (100) - 10 (145)
Max. sound power level	db(A) LWA	98
Fuel consumption at full load	l/h	5,4
Oil tank for storage and separation capacity	L	15
Suction air filter with silencer, reusable standard cartridge	qty	2
Compressed air outlets		2 x G1/2"

ENGINE

Brand		KUBOTA
Type		D1105 Stage V
Number of cylinders		3
Power at full load	kW (hp)	18,1 (24,3)
Rotation speed - full load	tr/mn	2900
Rotation speed - idling	tr/mn	1800
Fuel type		Diesel
Cooling type		Water
Fuel tank capacity	L	24

COMPRESSOR

Pneumatic suction valve		✓
Safety valve calibrated for suitable service pressure		✓
Coupling type	Belts	2 XPA
Oil capacity	L	6,5

BATTERY

Voltage	V	12
Capacity	Ah	45/70
Starting current	A	400/640

COOLING & LUBRICATION

Air cooling with light alloy radiator, designed to operate safely in a temperature range from -10°C up to +50°C	✓
Fan mounted on the engine water pump, ensuring optimum cooling	✓
Oil tank for storage and separation including separator element	✓

START-UP

Electric	✓
Idling start with closed valves = noise reduction during pre-heating	✓

REGULATION

Progressive air flow regulation from idling up to full load, thanks to both engine speed and air intake regulation	✓
Automatic unloading phase at engine stop	✓

CONTROL PANEL

Pressure gauge on compressed air outlet	✓
Hour-meter	✓
Key switch for secure storage and compressor start	✓
ON/OFF LED	✓
Engine pre-heating LED	✓



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SAFETY DEVICES

Monitoring functions with automatic stop	✓
High air-end temperature	✓
Low engine oil pressure	✓
High cooling water	✓

FRAME

Painted steel and fully soundproofed enclosure	✓
Hinged hood with 2 gas springs	✓
Removable canopy panels	✓
External central hoist ring which simplifies handling	✓
Engine and air-end mounted on anti-vibration pads to absorb vibrations	✓
Exhaust silencer inside the enclosure = protection against shocks	✓
Fan protection guard as standard	✓
Belt protection guard as standard	✓
Frame with torsionally rigid floor	✓

OPTIONS

Ball coupling CE94/20	✓
Integrated lubricator on each air outlet	✓
Hose reel (fitted hose 20m)	✓
Customer colors (RAL)	✓
Braked axle	✓
Skid-mounted	✓
Trailer-mounted	✓
Axle-mounted with spillage-free frame and forklift handling	✓
Remote drain	✓
Integrated/separate water separator	✓

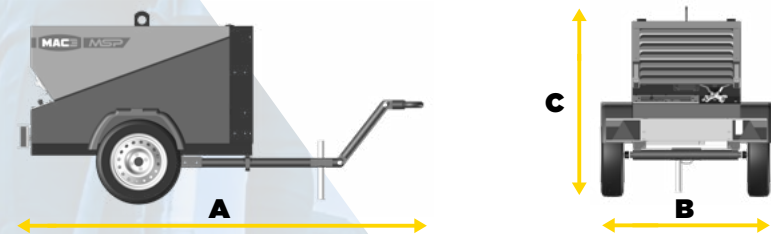
STANDARDS

All technical specifications are in accordance with the requirements of below listed EC directives.

2006/42/EC = Machinery Directive - 2009/105/EC = Simple Pressure Vessels Directive - 2000/14/EC = Noise Emission of Outdoor Equipment Directive

UNBRAKED AXLE

Tires		155/70 R13
Tire pressure	bar	2,5
Adjustable towbar		✓
Length with unbraked axle and min/max towbar (A)	mm	2716/2888
Width (B)	mm	1190
Height with closed/open hood (C)	mm	1290/2420
Weight axle-mounted	kg	521
Gross combination weight rating	kg	650
Load ring	kg	20 - 50



FRAME COMPRESSOR

Length (X)	mm	1550
Width (Y)	mm	760
Height (Z)	mm	890
Weight	kg	440

