



**MSP
5000**

STAGE V

PRODUCT INFORMATION



KEY FEATURES

Free air delivery	m ³ /min (cfm)	5,0 (180) - 4,6 (165) - 4,2 (148)
Working pressure	bar (psi)	7 (100) - 8,5 (123) - 10 (145)
Max. sound power level	db(A) LWA	98
Fuel consumption at full load	l/h	8,75
Oil tank for storage and separation capacity	L	16
Suction air filter with silencer, reusable standard cartridge	qty	2
Compressed air outlets		1x1" + 2 x 3/4"

ENGINE

Brand		KUBOTA
Type		VI505-CR-TE5
Number of cylinders		4
Power at full load	kW (hp)	31,2 (41,8)
Rotation speed - full load	tr/mn	3000 - 2800 - 2600
Rotation speed - idling	tr/mn	1900 - 1900 - 2100
Fuel type		Diesel
Cooling type		Water
Fuel tank capacity	L	70

COMPRESSOR

Pneumatic suction valve		✓
Safety valve calibrated for suitable service pressure		✓
Coupling type		Direct
Oil capacity	L	12

BATTERY

Voltage	V	12
Capacity	Ah	74
Starting current	A	680

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	✓
Closed valve empty start managed automatically	✓

REGULATION

Gradual flow control from idle to full load	✓
Automatic unloading phase at engine stop	✓

CONTROL PANEL

Key switch for secure storage and compressor start	✓
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- Controller:
- Simple display of essential information (pressure, speed, etc.)
 - Start-up management, automated shutdown and safety (emergency stop)
 - Maintenance Tracking
 - Controller IP67





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SAFETY DEVICES

Monitoring functions with automatic stop	✓
Discharge temperature of the screw block	✓
Engine oil pressure & temperature	✓
Cooling water temperature	✓
Automatic DPF regeneration	✓

FRAME

Painted and soundproofed steel and aluminum body	✓
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	✓
Fan protection guard as standard	✓
Frame with torsionally rigid floor	✓

OPTIONS

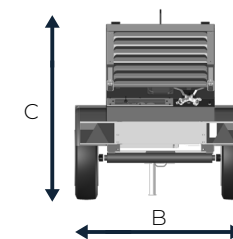
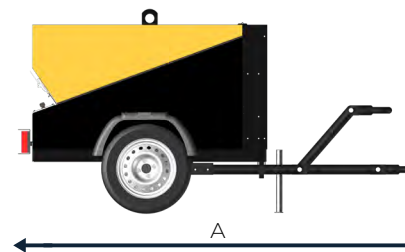
Ball coupling CE94/20	✓
Integrated 1.0 L line lubricator on all outlets or remote	✓
Customer colors (RAL)	✓
Skid-mounted	✓
Braked trailer-mounted	✓
Axle-mounted with spillage-free frame and forklift handling	✓
Remote drain	✓
Integrated/separate water separator	✓
After cooler	✓

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

		UNBRAKED	BRAKED
Tires		155/70 R13	155/70 R13
Tire pressure	bar	2,5	2,5
Adjustable towbar		✓	✓
Length (A)	mm	2923	3523
Width (B)	mm	1326	1326
Height with closed (C)	mm	1400	1400
Weight axle-mounted	kg	731	771
Gross combination weight rating	kg	750	900
Load ring	kg	20-50	20-50



FRAME COMPRESSOR

Length (X)	mm	1820
Width (Y)	mm	904
Height (Z)	mm	1205
Weight	kg	672

