

Basic equipment:

Engine

Water-cooled, Kubota Diesel engine, 4-cylinder, 3800 cm³. Turbo charged, 71 kW (95HP).

Diesel oil tank

120 Litres. Tank capacity for approx. 12 working hours.

Compressor

Screw compressor capacity available from 1800 L/min. up to 3600 L/min. at 10 bar. Automatic air-flow controlling system. Integrated air-cooling system. 40 L air storage tank, incl. water separator.

Chassis

Stable double frame construction. Engine, screw compressor and hydraulic pumps in one unit mounted on vibration dampers.

Transmission

Hydrostatic, infinitely variable transmission with 2 gears. Low gear 0-12.5 Km/h. High gear 0-25 Km/h. Progressive speed regulator for accurate low speed control.

Hydraulic pump

Hydrostatic pump. Power take-off for 3 hydraulic pumps. 95 L hydraulic oil tank with level and temperature indicator. Hydraulic oil cooler.

Wheel gear motors

Piston motors with integrated gear (Ratio: 5:1) for constant speed. High-torque electro hydraulic disc brakes.

Pressurised bead tanks

Capacity 2 x 150 L. Two separate pressurised bead tanks. Filling at the side of the machine and low positioned for easy filling. Valves on bead outlet.

Operator's section

Suspended two seat driver section. The entire section, incl. the side-view mirrors can be slid quickly and easily from left to right without the use of any tools. Steering wheel and computer panel mounted on 3D adjustable rod, which ensures perfect ergonomic positioning for the operator.

Electrical system

12 V/90 Amp alternator, slidable side marking lights, warning lights, rear lights, front lights, emergency stop, battery and relays.

Power steering

Fully hydraulically powered

steering for directional stability. Turning circle 9.80 m.

Guide rod

Stabilised against vibrations and adjustable in all directions. Easy handling, telescopic system.

Bonnet

Easy access for service in the left and right side by means of full-size doors.

Electronic skip-line control

BM UNI-LINE-EUR 1

For up to 3 paint guns and 3 bead guns. The waterproof control panel is equipped with raised buttons and each button has its own symbol for easy operation. 10 marking combinations can be pre-programmed. Automatic, semi-automatic and manual operation. Automatic remarking correction of cycle start and stop. Display for line length, gap, road speed, working hours and total marking distance. Optional remote start/stop function.

Gauges

For oil pressure.
For water temperature.
For diesel oil.

Paint

Standard: RAL 1007 Yellow.

Extruder equipment:

Thermoplastic tank

500 L tank indirectly heated by heat transfer oil. Vertical mixer with top foundation by ball bearings. Thermostatically controlled oil and material temperature.

Agitator transmission

Hydraulic transmission with motor, shaft, safety valve and on/off valve. Reversible mixer.

Burner system

Diesel oil burner or alternatively. Propane burner.

Heat transfer oil pump

Hydraulically driven.

Extruder drive

Hydraulic motor with hose system and electronically controlled dose valve with integrated safety valve system.

Thermoplastic extruder

Thermoplastic extruder width ranging from 20-50 cm fitted with 5 cm or 10 cm standard valves. (Special dimensions can be supplied on request). The extrusion system can be delivered for extruding single,

double or triple lines of various width, for simultaneous extrusion of continuous and interrupted lines as well as various range of profiled lines.

The transport of material from tank to extruder is done by a hydraulically driven screw pump. Extrusion system with permanent thermoplastic re-circulation. The recirculation system ensures a constant flow past the extrusion valves when in closed position. The extruder valves are cylindrical to achieve maximum working frequency when profiled markings are extruded. Each valve has interior hot-oil heating.

Quick cleaning

Pneumatically controlled quick cleaning system for the removal of solids left in the extrusion slot. Can be activated while extrusion is in process and is only slightly detectable on the line in the form of a moderate thickening of layer.

Extruder lifting cylinder

Pneumatic lifting cylinder. Controlled from drivers' seat.

Options

Cruise Control

Incl. reversing alarm. Possibility for 2 pre-set speeds. Possibility for adjusting speed with 0,5km/h (up/down)

Cone holder

Turnable Guide rod

Mounted in connection with turning front wheels.

Hydraulic lifting of pointer

Lifting and lowering of pointer is controlled from the driver's seat.

Premark system

Electronically controlled premark system with telescopic foundation and ground distance wheel.

Sun Roof

Dimensions and weight

Excl. Equipment
L : 5460 mm.
W: 1330 mm.
H : 2400 mm incl. rotating light.
Weight:
From: 3300 up to 4050 kg.
Max. allowed total weight: 7000 kg.

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