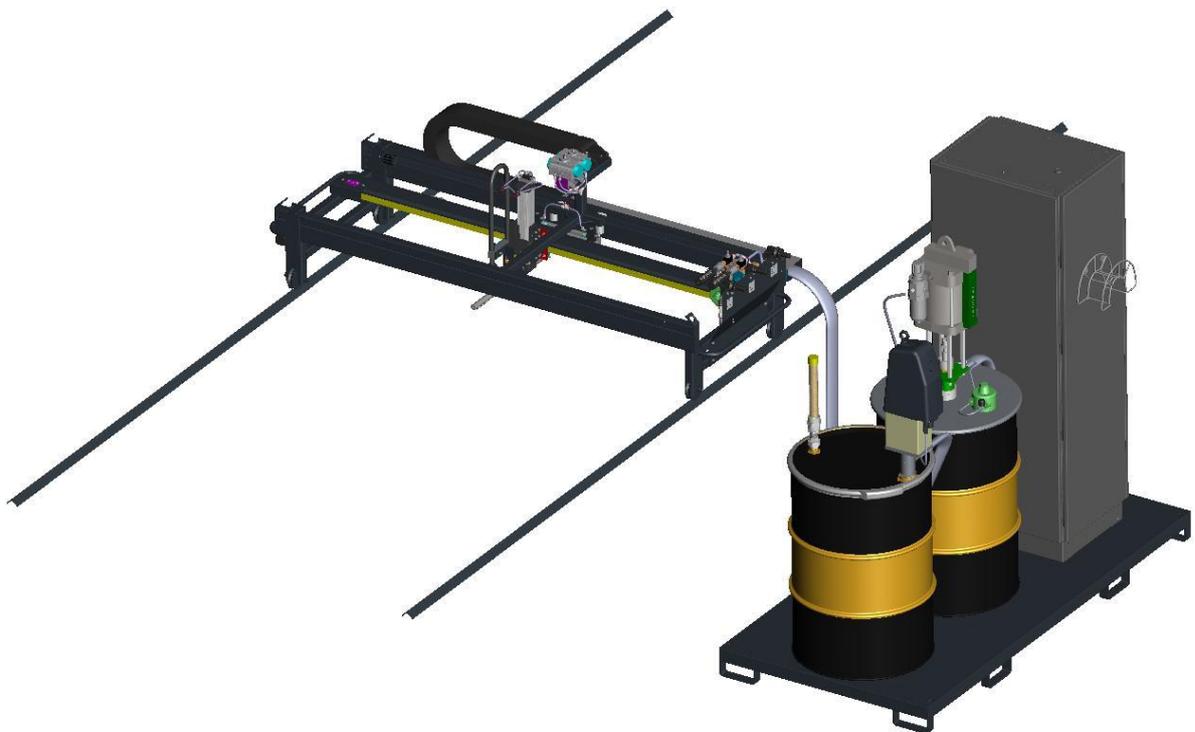


Machine Specification

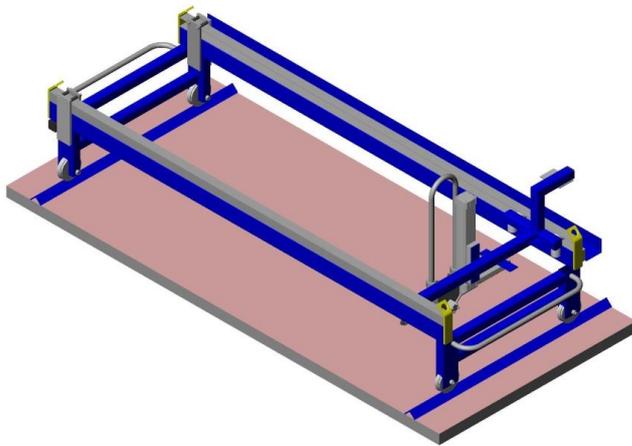
Machine Type: 1220S



1220S Specification

The semi automatic adhesive application system type 1220S is designed for two component polyurethane adhesive systems with a curing agent.

The machine design utilises a spreader frame across a lay-up table, running on guided rails. A powered spreader traverses within the frame applying adhesive in the Y-axis. When the frame is then moved manually in the X-axis a “diamond pattern” of adhesive coverage is achieved.



Diamond pattern



The application width (Y-axis) can be adjusted step less from 1000mm to 2900mm, by adjusting simple on/off lever switches. The traverse speed can be adjusted on the needle valves mounted on the air motor. The maximum traverse speed is 26m/min with a 500mm single row spreader. The bonding speed is adjusted in accordance with the Y-axis speed in order to obtain exact coverage of the adhesive layer. The bonding speed is depending on the actual oscillating time for the individual panel width.

The max adhesive capacity is around 6kg/min giving a coat weight of approx 450g/m² at maximum traverse speed. The maximum application width is 2900mm and the maximum stack height above the press table is 350mm, which can be adjusted step less from 50-350mm.

When not in use beyond the open time of the adhesive the spreader bar and adhesive mixer tube can be removed and cleaned using the offline flushing system.

The machine is designed to work on different press tables within a factory. It is therefore fitted with a central lifting point to allow movement by overhead crane. It will also have a facility to allow it to run on narrow gauge and wide gauge guide rails mounted on the various press tables.

Technical data

Height, width and length	Decided by customer
Spreader width:	100mm - 500mm
Nozzle configuration:	1.5mm - 3mm Ø
Total weight:	150 kg
Travel speed X axis:	Manual operated
Travel speed Y axis:	Up to 26 m/min
Height Z axis:	50 - 350mm

