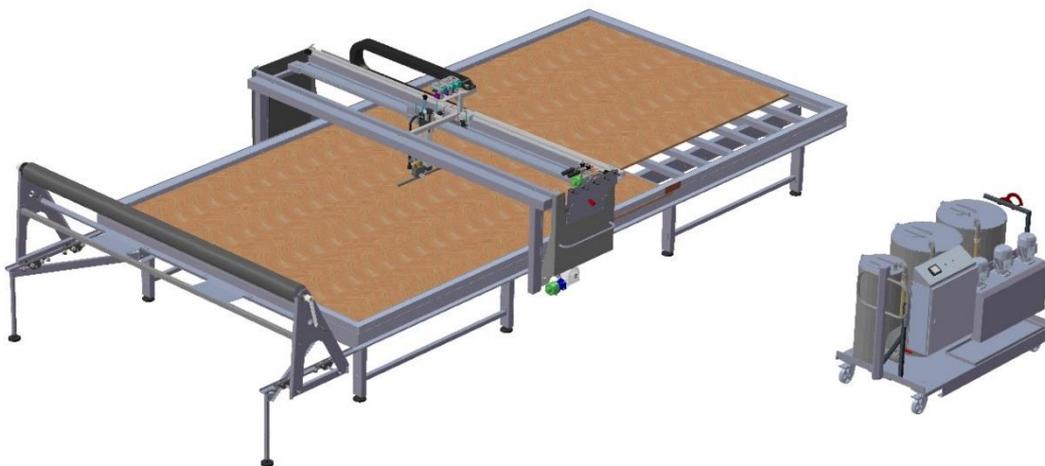


# Machine Specification



Machine Type: 1620S  
3 Component  
Semi-Automatic Adhesive Application System

## System Description

The semi automatic adhesive application system type 1620S is designed for two or three 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-direction. When the frame is moved manually in the X-axis a “diamond pattern” of adhesive coverage is achieved.



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. 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/m<sup>2</sup> 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 static mixer can be removed and cleaned using the offline Cleaning 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 be customized to fit existing press tables.



## Technical data

Wide:	Standard is 3200 mm
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