

Saxon sealer – Hot air

SH1000 – SH2000



Description

This sealer is used for the sealing of open-mouth polypropylene and polyethylene bags.

The sealer head can be mounted on a motorised column and a trolley, or incorporated into a custom-built application and it can also be mounted vertically.

To have a smooth operation of the sealer a conveyor is required.

MECHANIC:

The hot air sealer consists of the following elements:

- Sealed for life gearbox available in 3 speed ranges:
standard speed: 6,2 to 14,1 m/min | optional speeds: 2,7 to 6,2 m/min and 9,7 to 22,2 m/min
- Stainless Steel 430 construction
- Physical open lid stay
- Right to Left (standard) or Left to Right operation. (to be specified when ordering)
- Easy accessibility to all heaters by the removal of the Air duct assembly
- Security screws used to prevent unauthorised access to the control panel
- Adjustable pressure control to the pressure wheels

ELECTRIC:

- Variable frequency speed controller
- Temperature thermocouple
- Safety switch
- Power is automatically turned off to the sealer when the PID reaches 50°C after being switched to cool down (1st alarm)
- 2nd alarm allows the customer to send a Volt free signal to state that the sealer is at operating temperature
- All control signals are 24VDC
- Motor 240V 3Ph 0,18kW
- Control enclosure to IP54 (standard) - Control enclosure to IP66 when ordering a washdown sealer

PNEUMATIC:

- Air source: 0,6 MPa (clean, dry and non-lubricated) needed for options
 - Trimmer, airwash, purge, vortex cooler, ...

Non contractual pictures.

Owing to the continuous technical development of the machines, minor changes may have been implemented.

Specific technical details depending on the reference numbers:

Reference	Technical details
SH 1000	<p>TEMPERATURE</p> <ul style="list-style-type: none"> - Maximum temperature obtainable from the heaters is 450 °C <p>DESIGN</p> <ul style="list-style-type: none"> - Short frame <p>ELECTRIC</p> <ul style="list-style-type: none"> - Twin alarm PID temperature controller - Heaters: 4 X 400W heaters - Maximum current 8,6A with column fitted - Nominal Power supply 220-230VAC 2 Ph 50/60Hz (standard) - Total Power 1984W
SH 2000	<p>TEMPERATURE</p> <ul style="list-style-type: none"> - Maximum temperature obtainable from the heaters is 400 °C <p>DESIGN</p> <ul style="list-style-type: none"> - Long frame <p>ELECTRIC</p> <ul style="list-style-type: none"> - 2 Twin alarm PID temperature controllers - Heaters: 8 X 400W heaters - Maximum current 10A with column fitted - Nominal Power supply 380-415VAC 3 Ph & N 50/60Hz (standard) - Total Power 3584W

Non contractual pictures.

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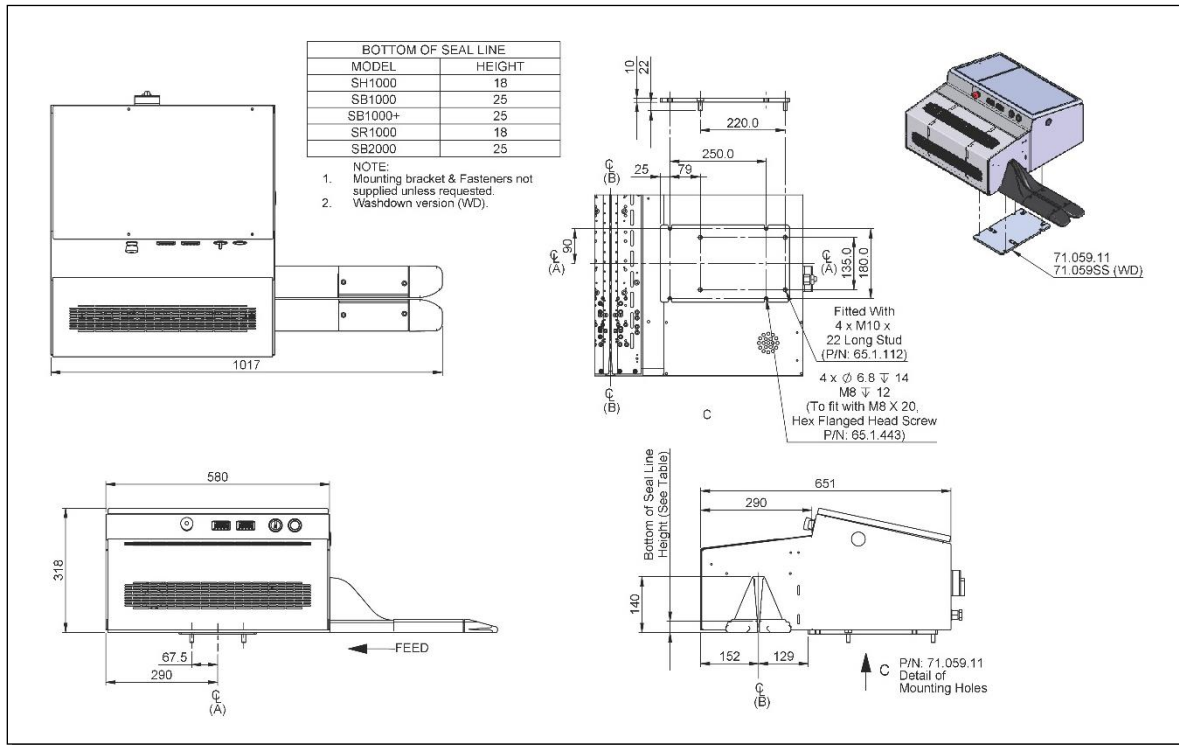
TECHNICAL SPECIFICATIONS

Description	Sealer Head	Electrical column (Aluminium) and footplate	Trolley	Electrical protection level
Sealer head – stainless steel – IP54	Stainless steel	-	-	IP54
Sealer head – Washdown – IP66	Washdown	-	-	IP66
Sealer head – stainless steel – IP54 with electrical column (Aluminium) and footplate	Stainless steel	YES	-	IP54
Sealer head – stainless steel – IP54 with electrical column (Aluminium) and footplate With extension arm	Stainless steel	YES	-	IP54
Sealer head – Washdown – IP66 with electrical column (Aluminium) and footplate	Washdown	YES	-	IP66
Pedestal model: sealer head (SS) – (IP54) + electrical column (Aluminium) + epoxy trolley	Stainless steel	YES	Epoxy coated	IP54
Pedestal model: sealer head (SS) – (IP54) + electrical column (Aluminium) + stainless steel trolley	Stainless steel	YES	Stainless steel	IP54
Pedestal model: sealer head Washdown – (IP66) + electrical column (Aluminium) + stainless steel trolley	Washdown	YES	Stainless steel	IP66

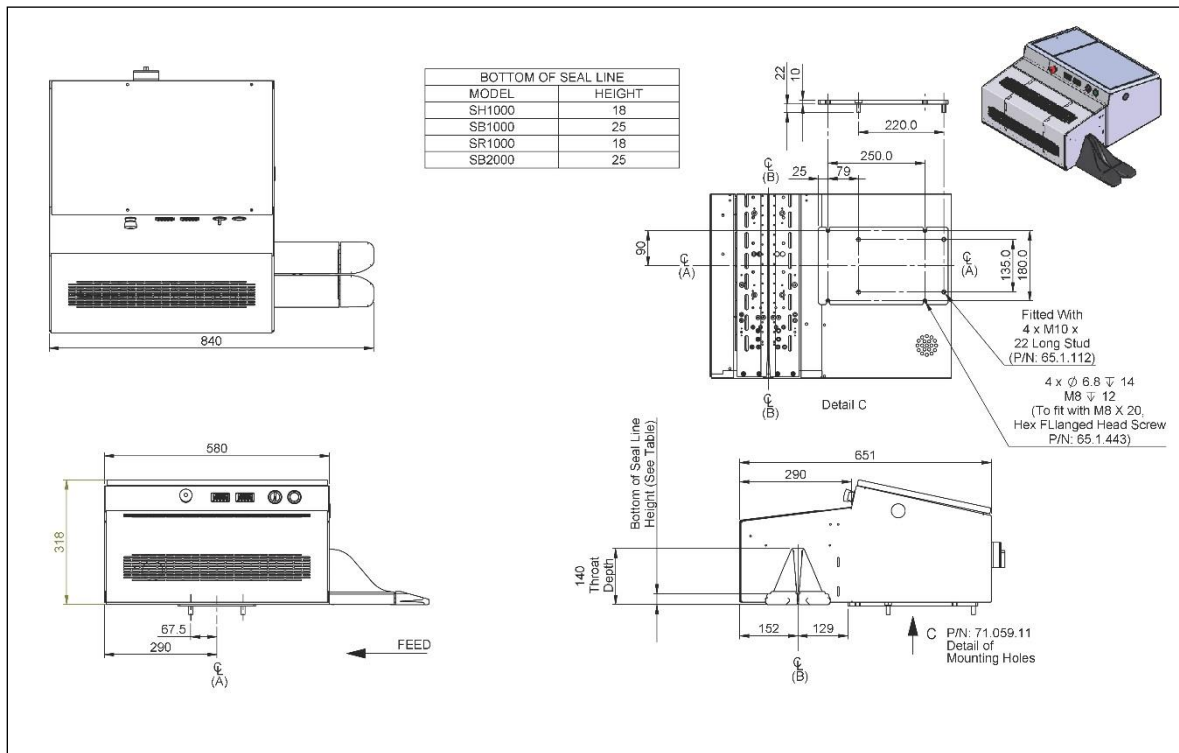
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SH 1000: Sealer head only



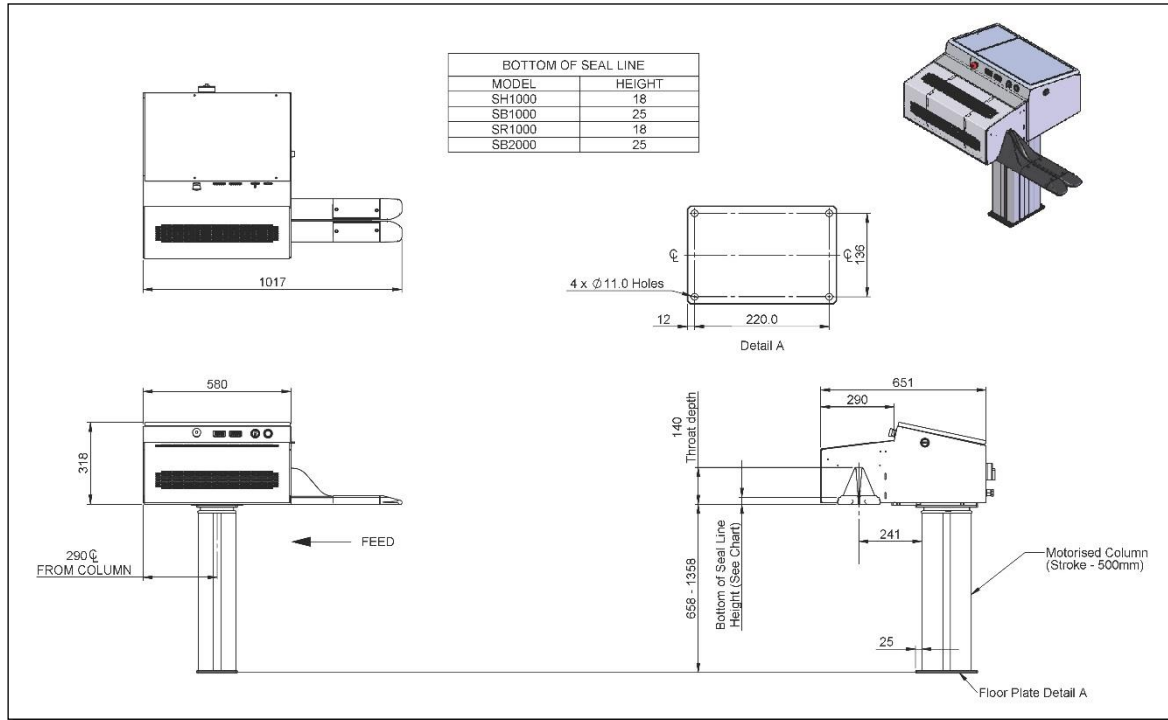
SH 1000: Sealer head with short infeed



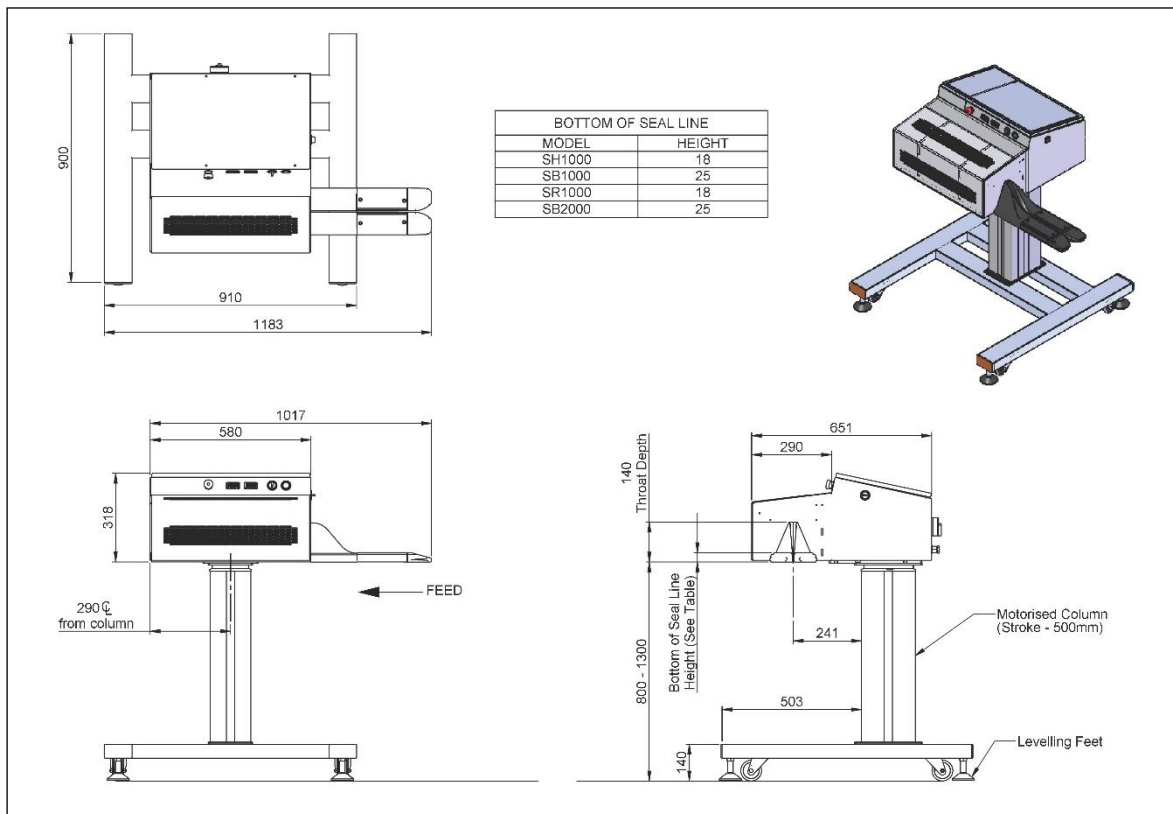
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SH 1000: Sealer head + Electrical column + Foot plate



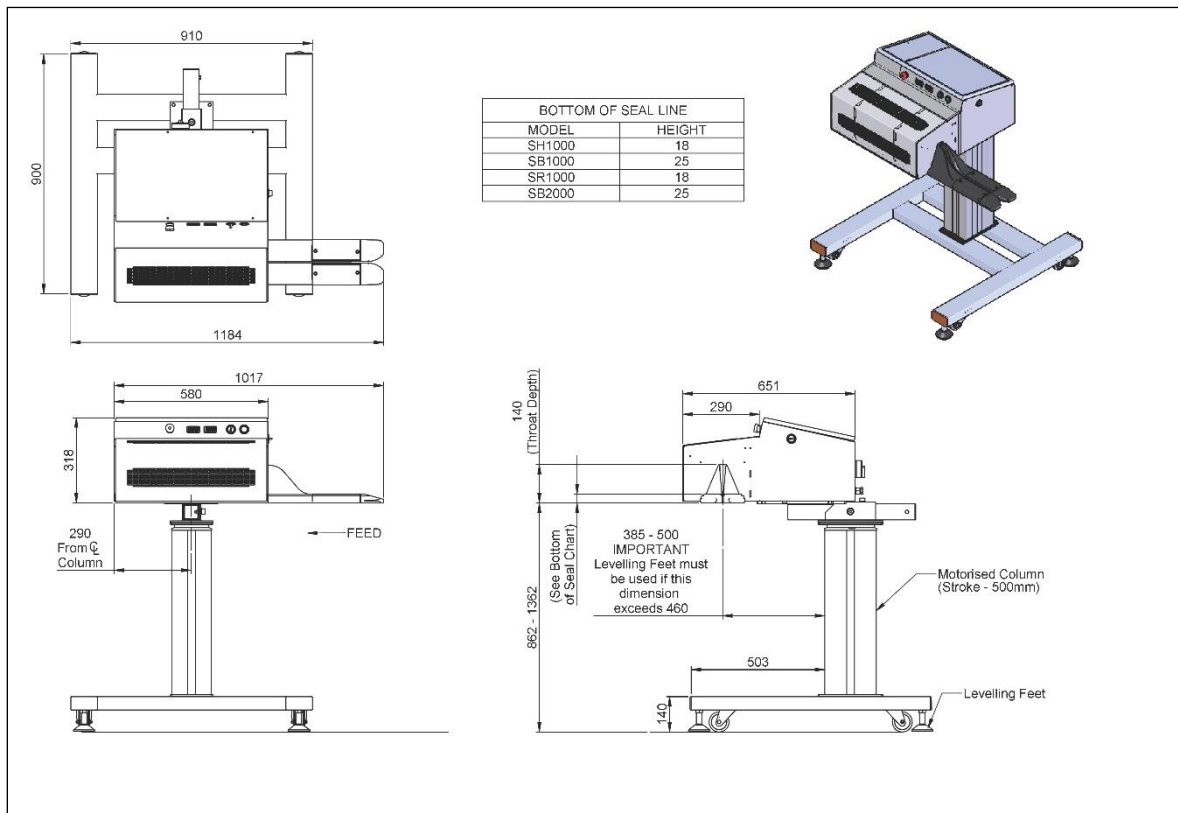
SH 1000: Sealer head + Electrical column + Trolley



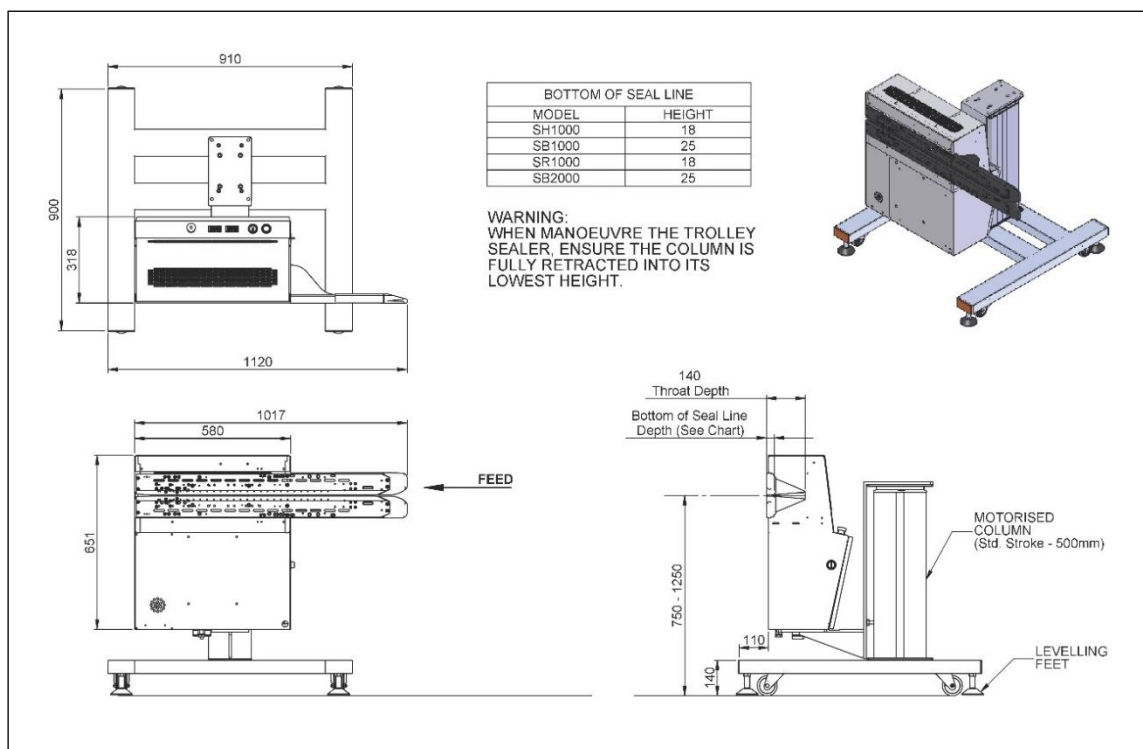
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SH 1000: Sealer head + Electrical column + Extension arm + Trolley



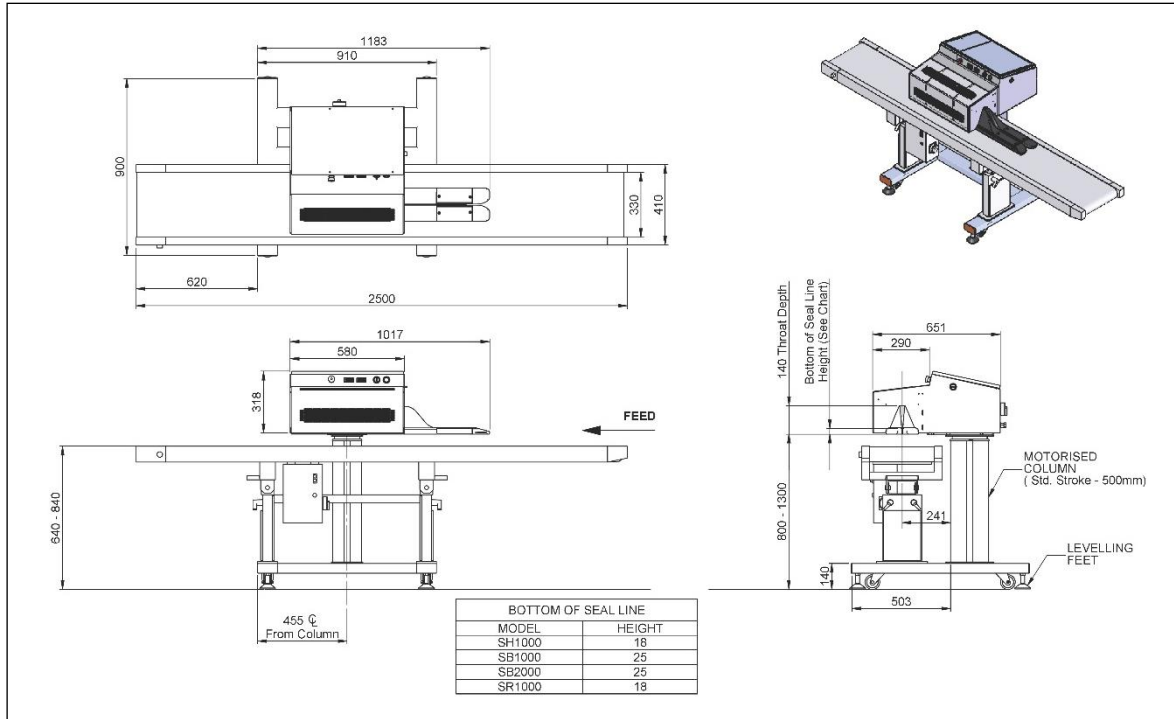
SH 1000: Sealer head at 90° + Electrical column + Trolley



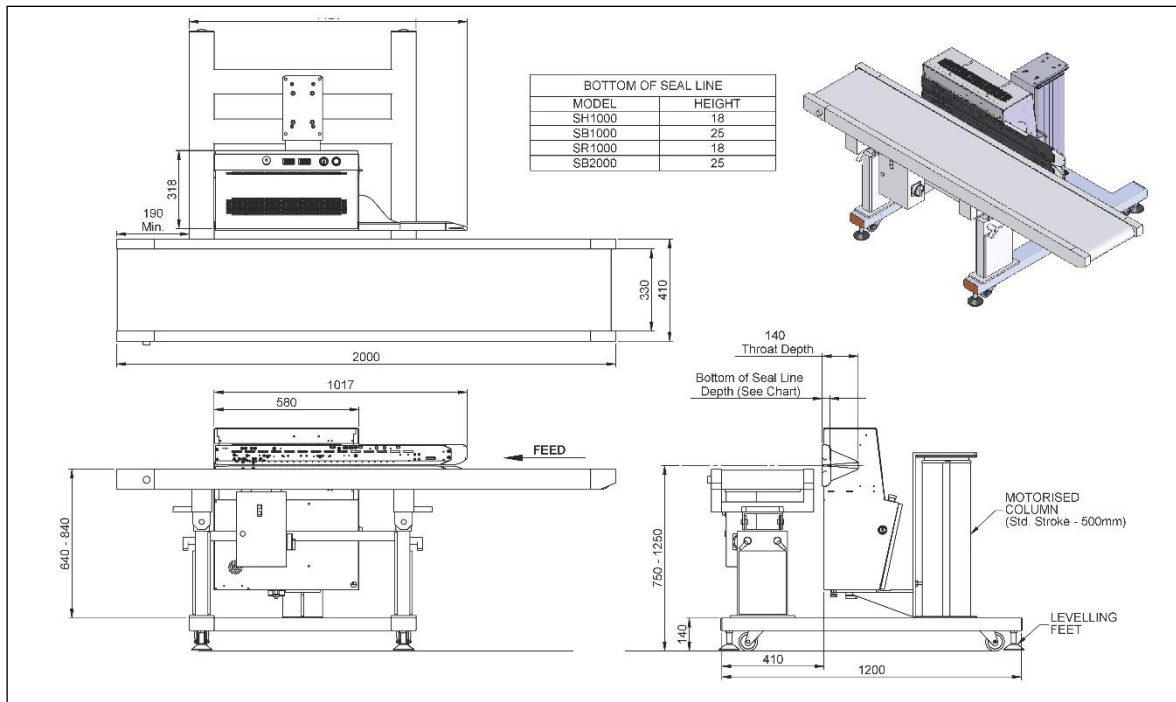
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SH 1000: Sealer head + Electrical column + Trolley + Mobile conveyor



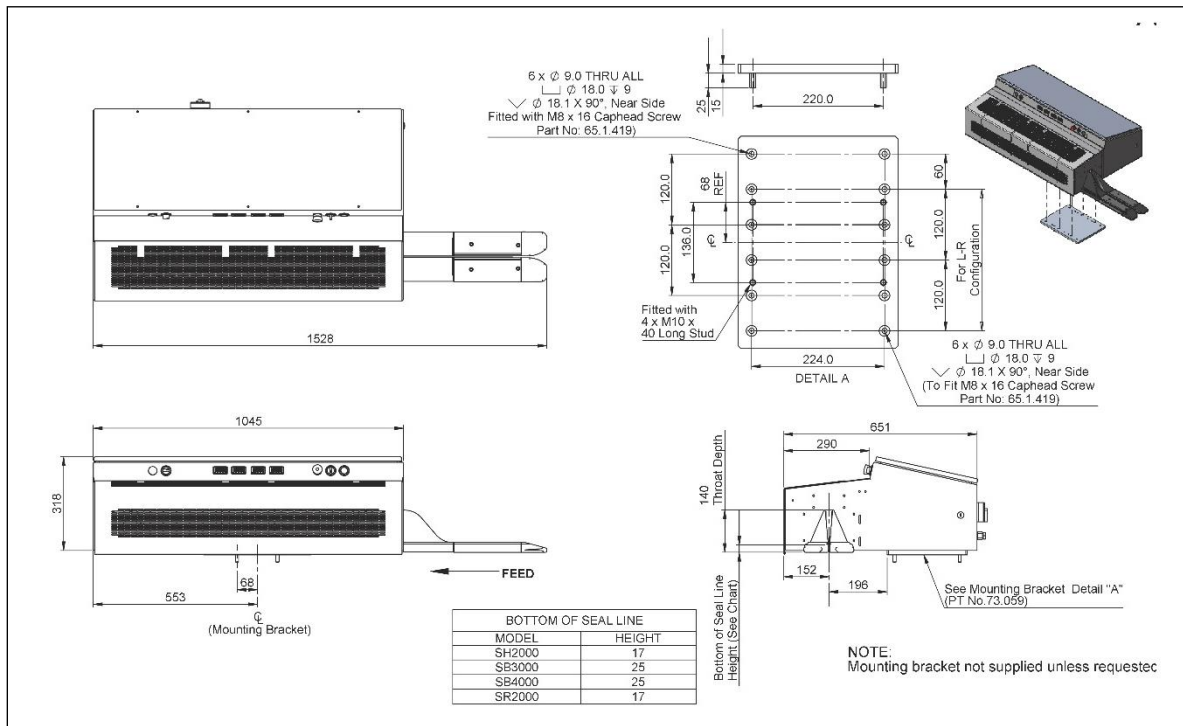
SH 1000: Sealer head at 90° + Electrical column + Trolley + Mobile conveyor



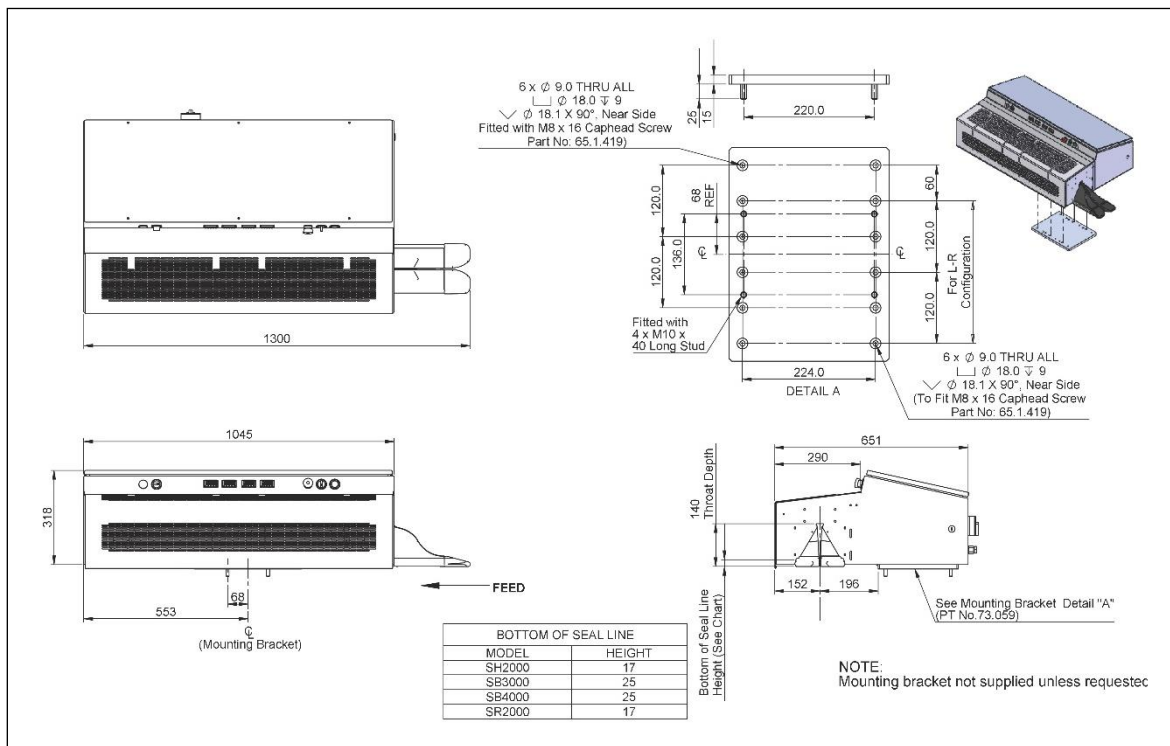
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SH 2000: Sealer head only



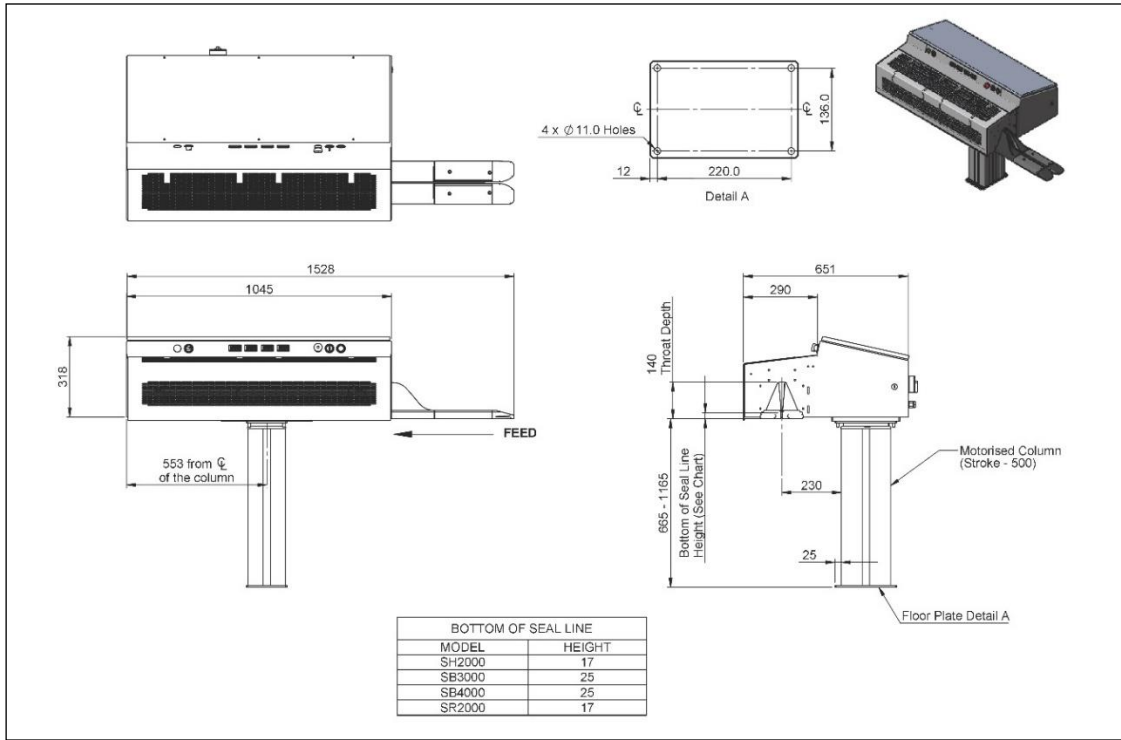
SH 2000: Sealer head with short infeed



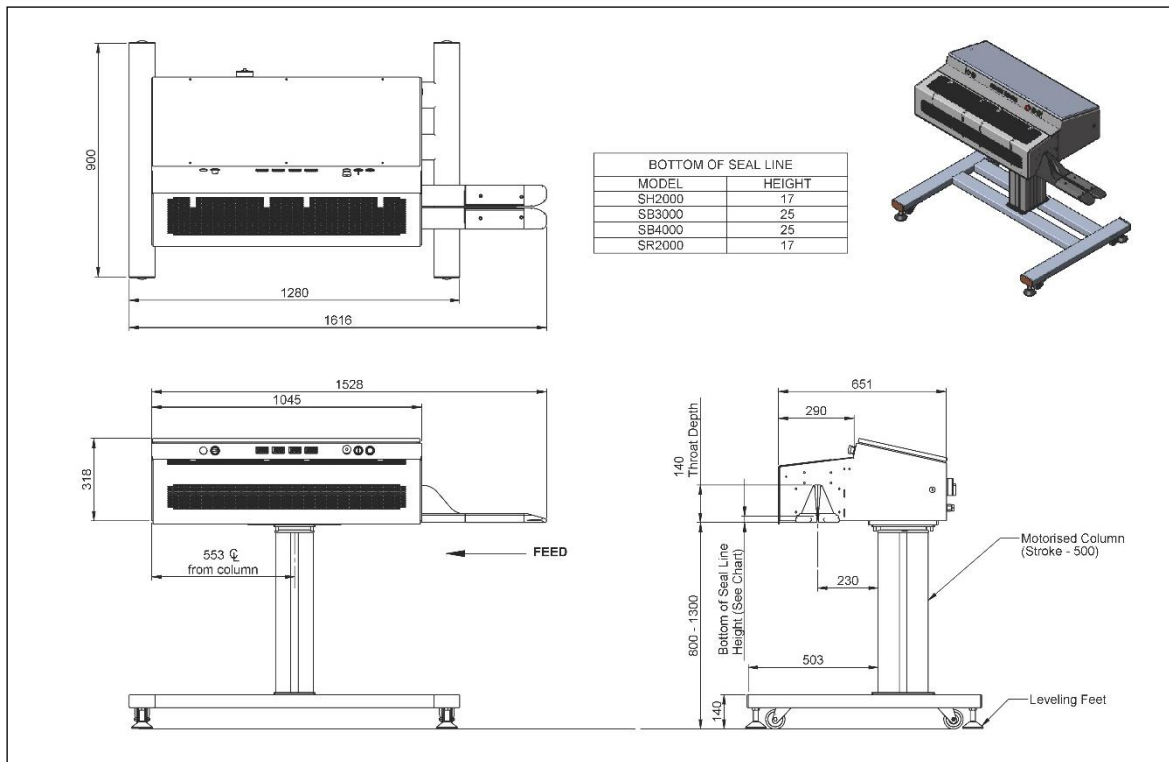
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SH 2000: Sealer head + Electrical column + Foot plate



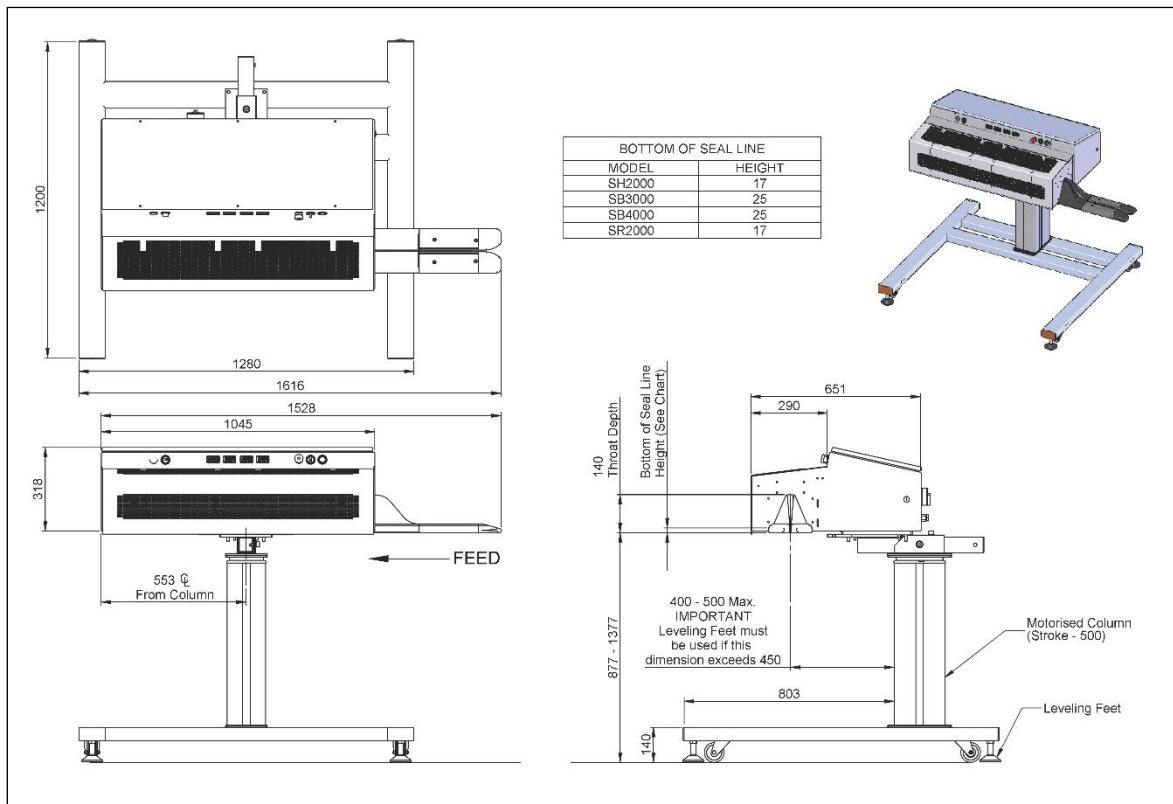
SH 2000: Sealer head + Electrical column + Trolley



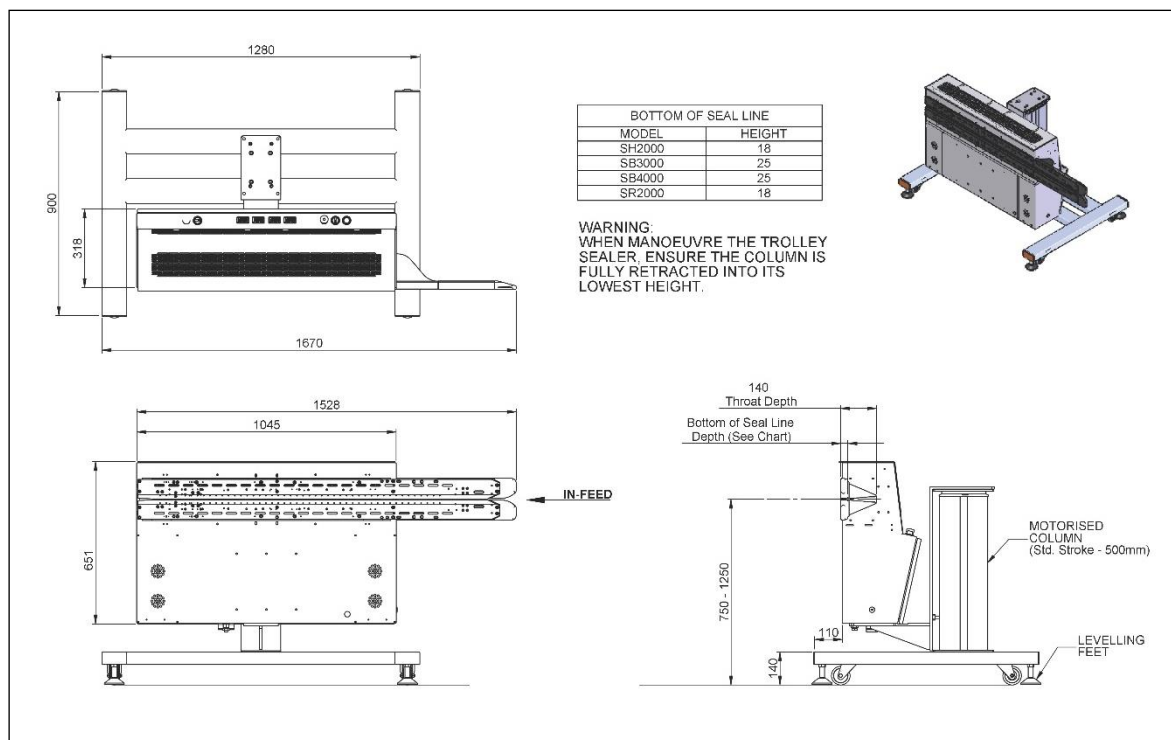
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SH 2000: Sealer head + Electrical column + Extension arm + Trolley



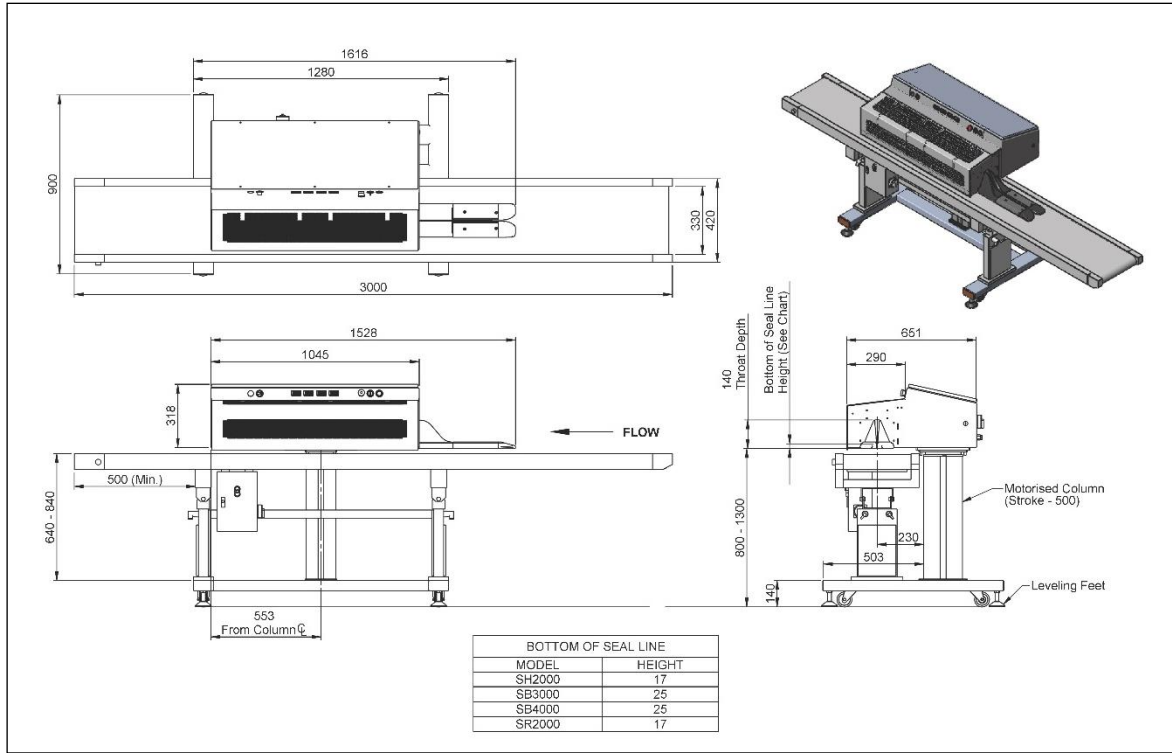
SH 2000: Sealer head at 90° + Electrical column + Trolley



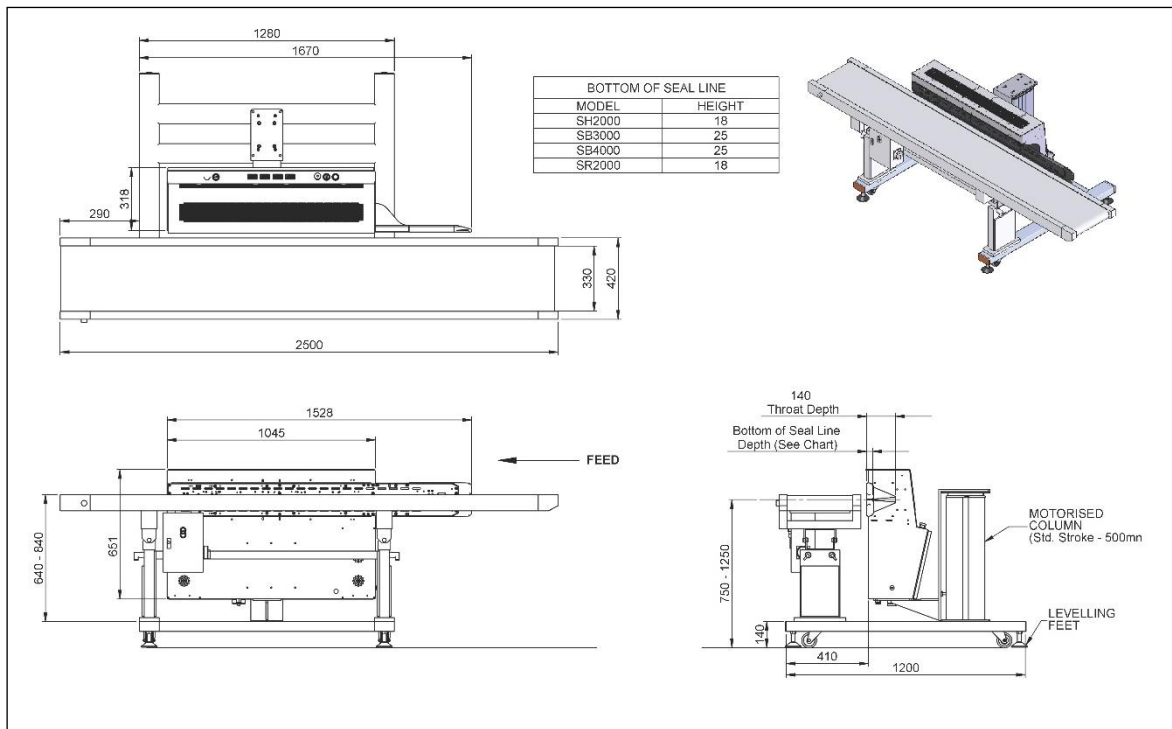
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SH 2000: Sealer head + Electrical column + Trolley + Mobile conveyor



SH 2000: Sealer head at 90° + Electrical column + Trolley + Mobile conveyor



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