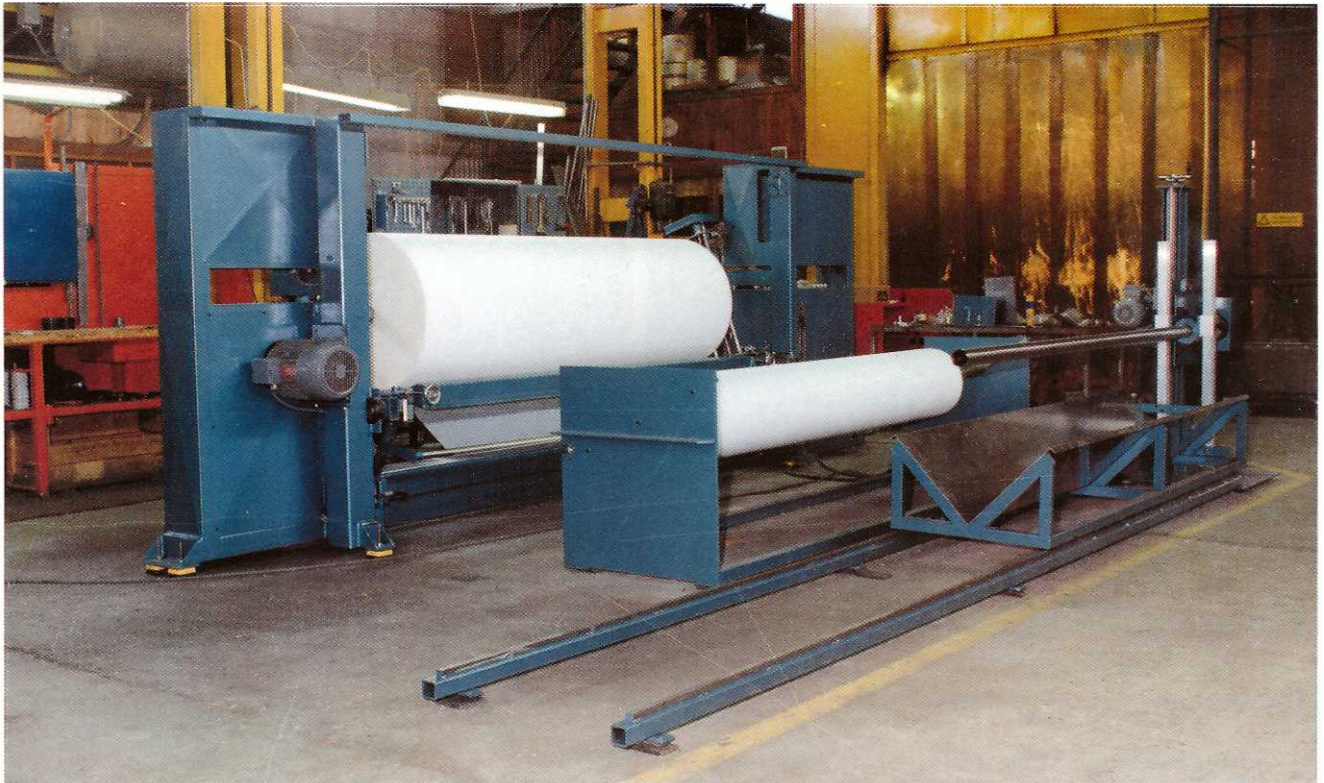


PEELING MACHINE TYPE RSS BLOCK BORING MACHINE TYPE RH FOR FLEXIBLE FOAM AND LIGHT BONDED FOAM

Peeling Machine Type RSS-220 with Rewinding and Boring units

Peeling of circular foam blocks, particularly for lamination purposes, requires a high degree of precision and perfect surface finish.

The peeling machine type RSS is designed to meet such demand and is well suited for slitting of square or cylindrical foam blocks of cellular plastic products as well as reconstituted foam (bonded- or chip-foam of density up to 250 kg/cubic meter).

Prime cellular plastic foils are to great extent used for lamination together with textiles and similar materials.

Foils from reconstituted foam are very much used as carpet underlay, packaging wrapping materials, technical components and many other purposes.

Following features of the type RSS machine can be mentioned:

- **Solid machine bed prevent bending and twisting under stress.**
- **Block driving shaft, positioned under band-knife blade for ultimate transfer of power to foam block.**

- **Rigid block mandrel suspended in ball-threaded spindles for smooth descend of the foam block to give accurate and uniform thickness throughout the peeled layer.**

- **Quick-release of mandrel for easy loading and unloading of foam block.**

- **Heavy-duty steel profile blade-**

guide with adjustable blade back-guide and air cooling to extend blade life.

- **Sheet rewind unit, synchronized with peeling speed and with separate speed control to adjust sheet tension.**

- **Linear counter to measure length of peeled material.**

Peeling of Foam Foil on the RSS Machine with Rewinding unit.

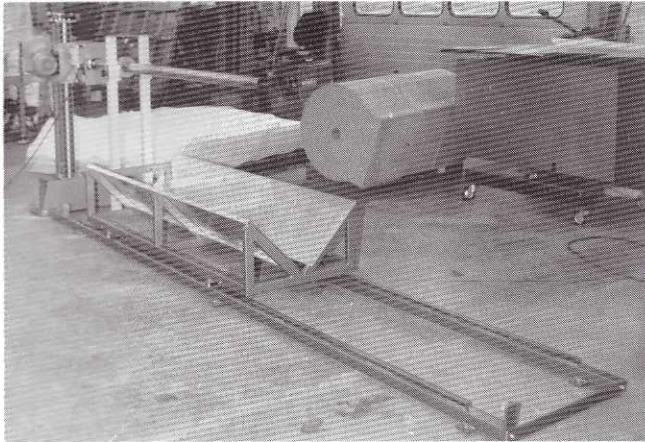


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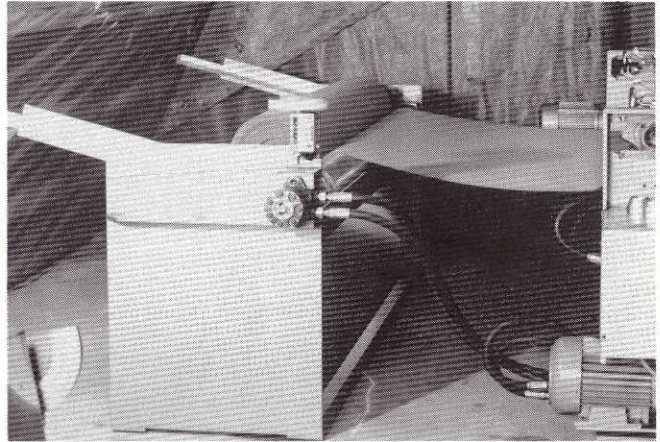
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**PEELING MACHINE TYPE RSS
BLOCK BORING MACHINE TYPE RH
FOR FLEXIBLE FOAM AND LIGHT BONDED FOAM**



Foil rewinding unit.



Boring unit for boring centerhole in foam block for mandrel.

STANDARD EQUIPMENT:

- Motorized height-adjustment of block mandrel.
- Infinitely variable peeling speed: 1-100 m/min.
- Automatic stop of block rotation at termination of peeling operation.
- Two dynamic balanced blade-wheels, centrally suspended between precision bearings to secure vibration-free blade movement and long blade life.
- Electric blade drive motor.
- Single-edge ground band-knife with blade tension control, indication lamp and automatic cut-off of blade drive motor on blade slackness and -breakage.
- Heavy-duty steel profile blade-guide with adjustable blade back-guide and air cooling.

- Electric grinding apparatus with two adjustable grinding stones and diamond dresser.
- Pre-selection of peeling thickness by means of easily interchangeable lubrication-free gear wheels: 1,50 -1,75 -2,00 -2,25 -2,50 -3,00 -3,50 -4,00 -4,50 -5,00 -6,00 -7,00 -8,00 -9,00 -10,00 mm.

- Sheet rewind unit

STANDARD DIMENSIONS:

Peeling width, max.: 2000 mm
Block diameter, max.: 1500 mm

POWER SUPPLY:

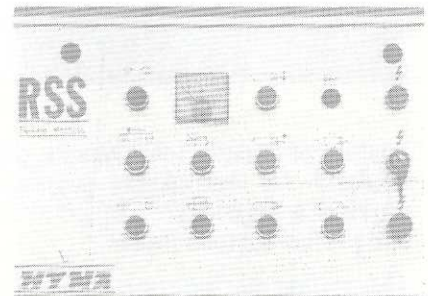
380 Volts, Three-Phase, Neutral, 50 Cycles, 10,5 KW.

ALTERNATIVE DIMENSIONS:

- A01 Peeling width: 2200 mm

Hand-wheel center adjustment of boring tube for block diameter: 600-1500 mm.

Manually operated block carriage with V-shaped block support.



Control Panel for Type RSS Peeling Machine.

OPTIONAL EQUIPMENT:

- E01 Extra gear-wheels for further peeling thicknesses.(Please confer with list No.: UG-08066-4)
- E02 Motorized block carriage with V-shaped block support.
- E03 Crane for handling of foam blocks and finished materials.
- E04 Different voltage.

BLOCK BORING MACHINE TYPE RH

Boring stand with horizontal boring tube and hardened steel boring head.

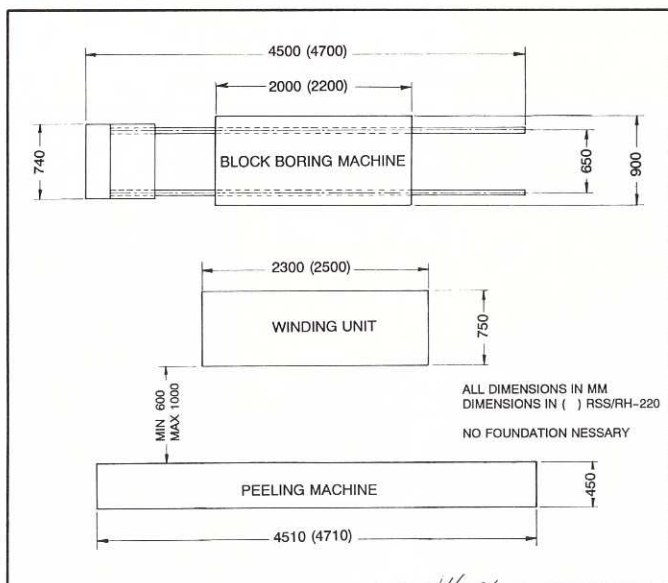
Bore diameter: 70 mm.

Bore length: 2000 or 2200 mm.

Electric bore drive motor.

For slitting of high density bonded (chip) foam and material weight higher than 250 kilos, type RSH machine is recommended.

CONTACT US FOR FURTHER INFORMATIONS.



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