

• PB • OSB/LSB • PALLET BLOCKS • PRESSED PALLETS • PELLETS



IMAL
PAL
GROUP

KNIFE FLAKERS

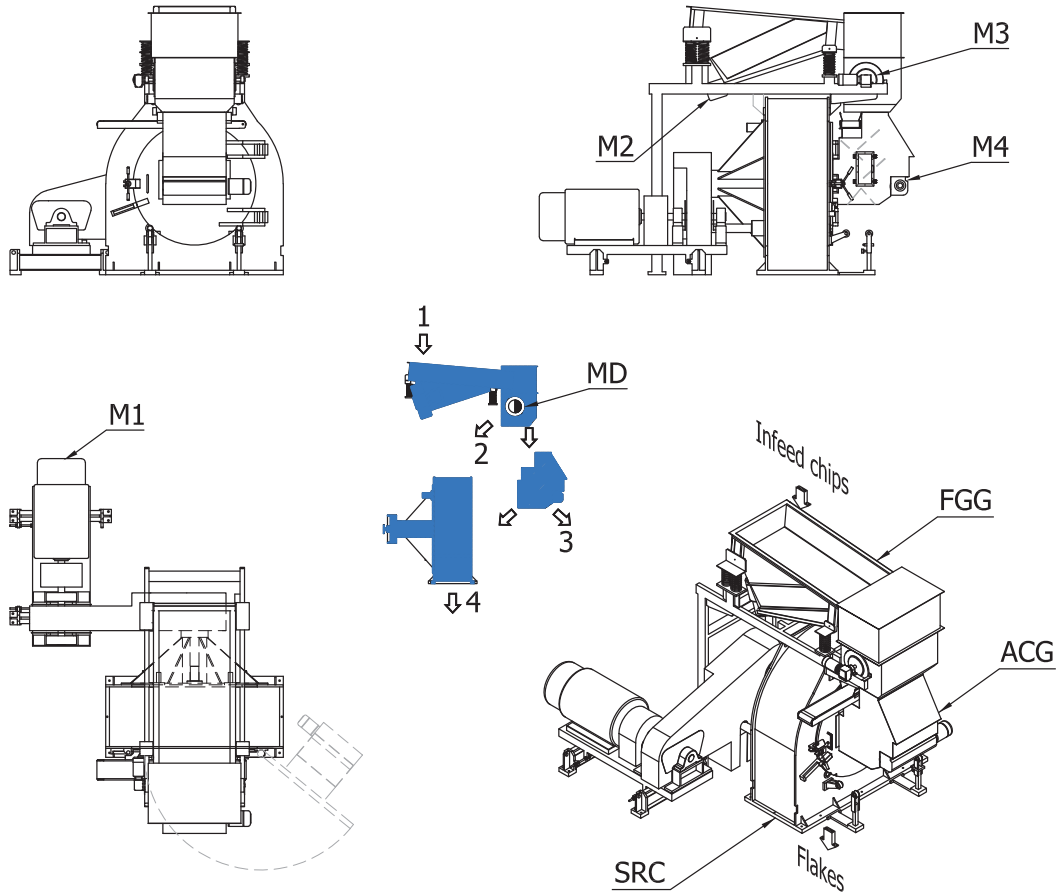
SRC

TECHNICAL FEATURES

- Knife ring flakers is the basic machine for producing high quality particleboard
- Globus patented wobble spreader disc, is a unique system for a perfect distribution of the chips inside the machine
- The eccentric disc has independent drive speed
- Perfect distribution of the chips, allows a complete and total use of the knife cutting edge and therefore great energy saving and reduction of wear parts consumption
- A long and careful research time was spent in different plants, in order to determinate the best cutting edge and number of knives for these application i.e. 54 knives
- Oil lubrication system for main bearings
- Very high precision impeller provided with presetting system for counter-knives
- Feeding door provided with air cleaner to reject heavy pollutants.

BENEFITS

- Homogeneous granularity of the flakes and perfect cutting of the wood, in order to increase the physical/mechanical properties of particleboard
- A perfect cutting of the edges, allows a limited consumption of glue
- Very low specific energy consumption
- Regular consumption of wearing parts.



1 = INFEED CHIPS
 2 = FERROUS POLLUTANTS
 3 = HEAVY POLLUTANTS

4 = FLAKES
 M1 = MAIN MOTOR
 M2 = VIBRATING FEEDER

M3 = MAGNETIC DRUM (MD)
 M4 = WIND SELECTOR



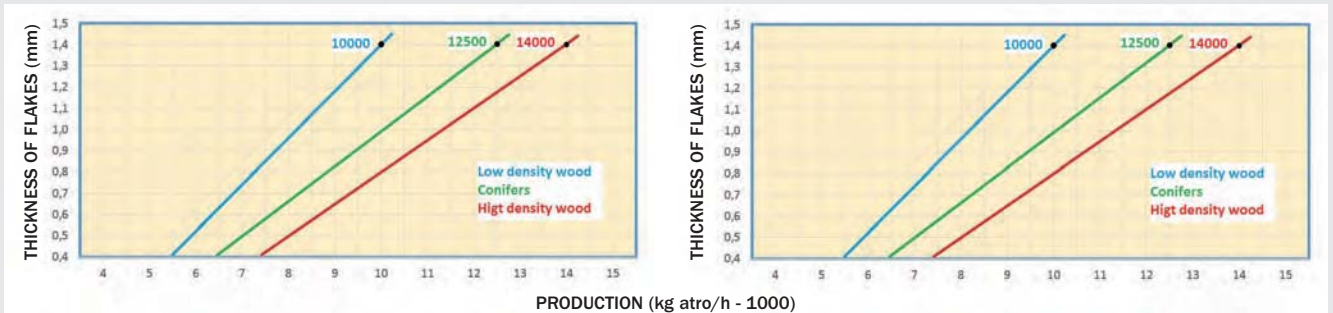
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MODEL	OVERALL DIMENSIONS mm	KNIFE RING DIAMETER mm	KNIVES No.	DIMENSION OF KNIVES mm	MAIN MOTOR kW	WEIGHT WITHOUT MAIN MOTOR kg
SRC 14.490 EVO IV	2500 x 2850 x 2350	1400	54	490 x 90 x 4	250	8500
SRC 14.690 EVO IV	2500 x 3200 x 2350	1400	54	690 x 90 x 4	315	10000

SRC 14.490 EVO IV

SRC 14.690 EVO IV





PERFECT CHIPS DISTRIBUTION

THE WOBBLE SPREADER: patented by GLOBUS

• The patented Wobble Spreader is an eccentric and inclined disc • Separate drive at variable speed allows the fine tuning • So wood chips are uniformly spread across the flaking ring • Benefits are impressive: 20-30% higher flaking capacity – much better flakes – saving of electric energy – saving of wearing costs, i.e. knives, shoes, etc.

