



 **GEMMA**

Prisma
Single head cutting machine

Single head cutting machine with upstroke blade Ø 450 mm

TECHNICAL INFO

Structure

- Electrowelded steel basement
- 2 vertical pneumatic clamps
- Pivoting working table
- Mechanical stops to select quickly angles 45°/90°/135°
- Depth adjustable back stop



Cutting unit

- Cutting angles from 20° to 160° with intermediate angles
- Working table setting at each angle by protractor indicator
- Venturi lubrication system
- 1 blade Ø 450 mm included



Power supply

Electric power (three-phase)	400 V / 50 Hz
Motor power	2,2 kW
Air compressed supply	7 Bar
Air consumption per cycle	10 NI

Cutting unit

Blade diameter	450 mm
Shaft diameter	30 mm
Blade revolutions	2.800 rpm
Max cutting speed	6 m/min
Blade output management	Oleopneumatic
Cutting angles	20°-160°

Safety

- Integral cutting area protections with manual opening and closing
- Complies with CE safety regulations as standard

Electrical cabinet

- IP 55 protection

Cutting capacity

		
90°	115x115 mm	130x100 / 180x50 mm
45°	95x95 mm	130x45 mm

General specifications



450 mm



2,2 kW



245 kg

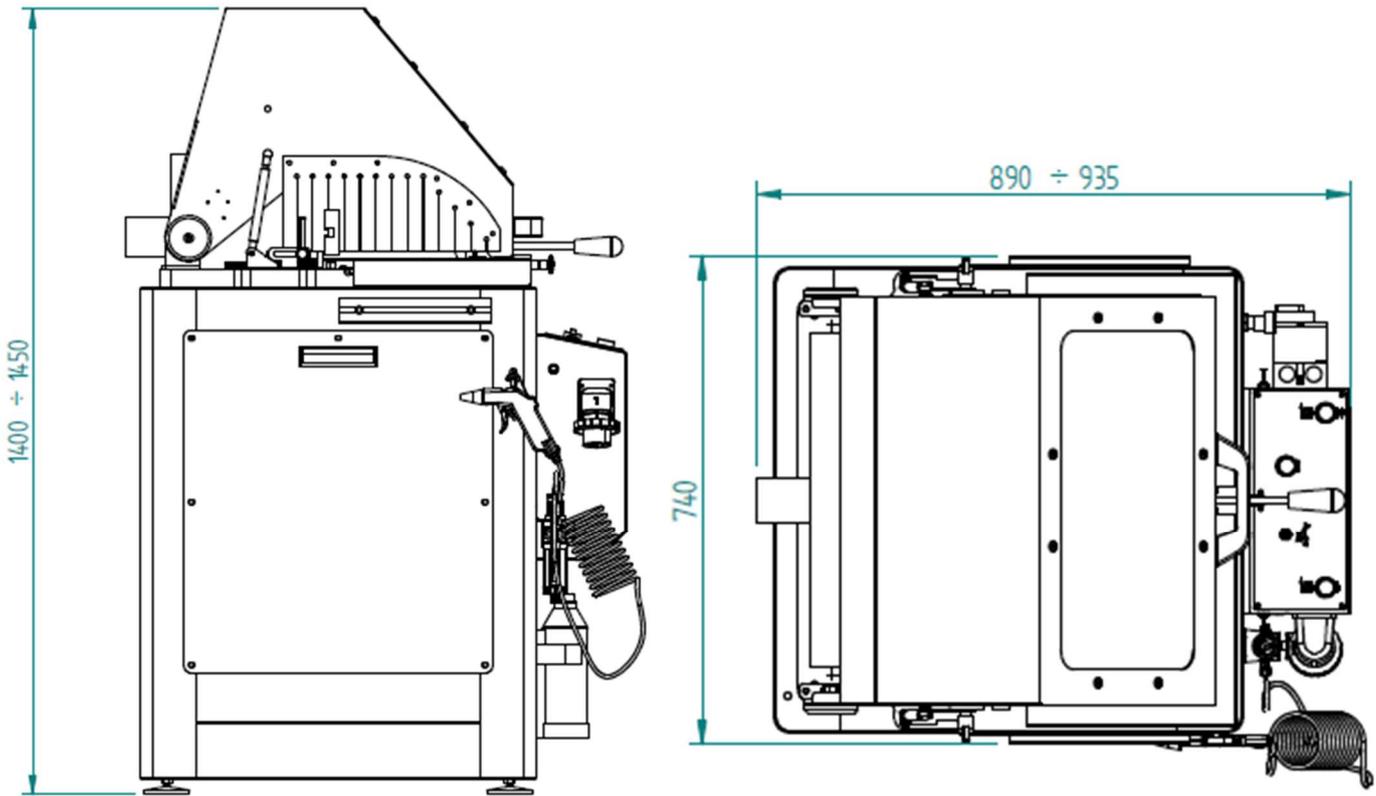


750x1.000x1.600 mm

Optionals

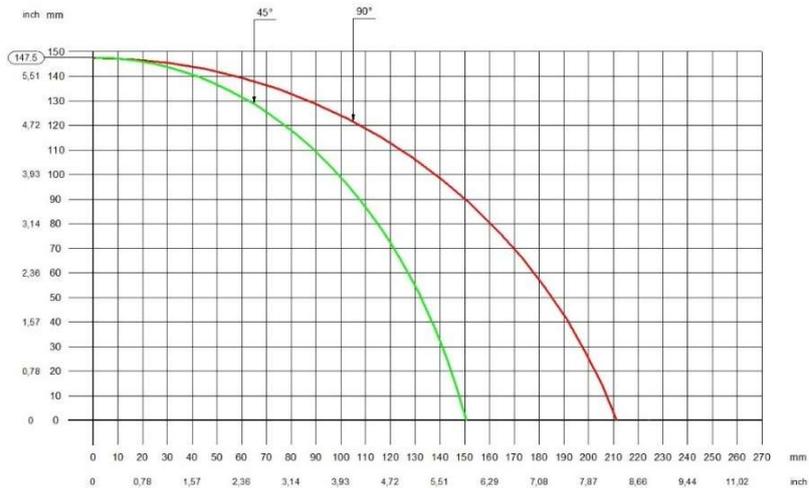
- Blade Ø 450 mm
- Laser to point lines
- Horizontal pneumatic clamps
- Pneumatic cover
- Oil tank 25 l
- In 2000 – infeeding roller conveyor 2 m
- In 3000 – infeeding roller conveyor 3 m
- Out 3000 – digital unloading roller 3 m
- Out 3000 – digital unloading roller 3 m
- Autotransformer for special voltage (230 V/480 V/600 V)
- UL-CSA compliant components
- Ocean freight packaging

Machine layout



Cutting diagram

CUTTING DIAGRAM PRISMA 450





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