

GFV

1. CHARACTERISTICS

MACHINE	
Main hydraulic cylinder force	5000 daN Maxi / (5 metric ton)
Roll dies Rpm	250 rpm Maxi
Roll dies shaft diameter	76.2 mm / 3"
Roll dies overall diameter	200 to 250 mm
Roll dies motor (X2)	10 HP / 7.5 kw
Main cylinder stroke	140 mm
Center to center distance (mini / maxi)	230mm to 370 mm
Maxi parts dimensions on conveyor	Ø 100 mm / L=150 mm
Lead correction	± 0.5°
Taper correction	± 0.5°
Advance speed (work)	0.1 à 20 mm/s
Backward speed	0.1 à 30 mm/s
Dwelling time	0.1 to 999 s
Force increasing time	0.1 to 60 s
Overall dimensions L x W x H (without conveyor & operator panel)	2600 x 1677 x 2540 (mm)
Weight	7Tons (7000 daN)

HYDRAULIC UNIT	
Tank capacity	160 liters / 42 gallons
Pump flow	15 liters/min (4 gallons/min)
Pump pressure	210 bar / 3000 psi
Motor power	4 kW

COOLANT UNIT	
Tank capacity	220 liters / 58 gallons
Coolant Pump Flow	20 liters / min
Filtration	5 microns

CENTRALIZED LUBRICATION	
Tank capacity	6 liters / 1.6 gallons
Volume lost per cycle (11 points)	4.4 cm³

ELECTRICITY	
Line Voltage	400 VAC - 3 Phases - 50 HZ
Total power	18 KVA

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2. LAYOUT

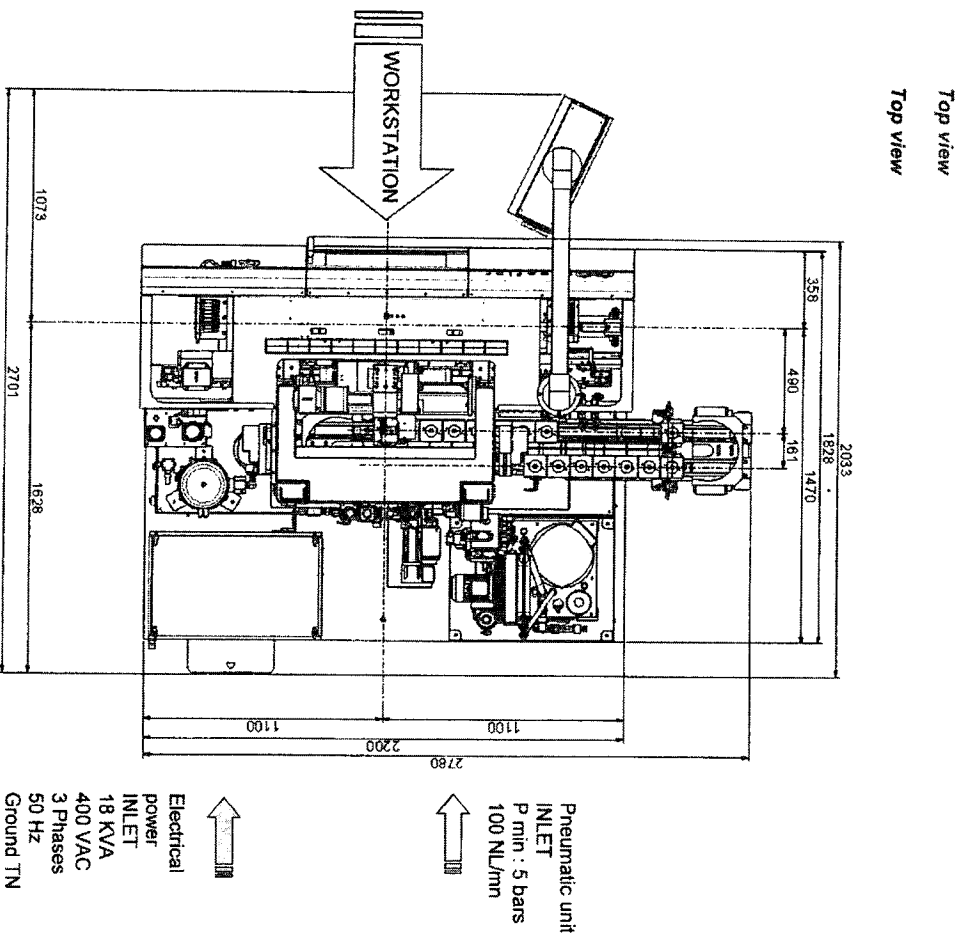


Fig. 1

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Front view

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Reference axis machine height = 1151.5 mm

The reference axis machine height represents the middle plan of the rolling area.

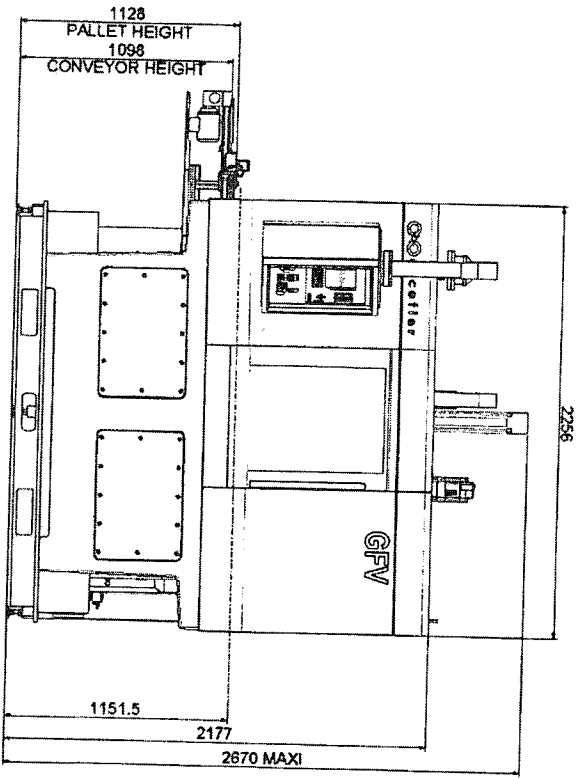


Fig. 2

Oscorifier