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WIRE DRAWING MACHINE AT 11 PASSAGES WITH REEL DEVICE



A machine studied to satisfy all the drawing requirements of the wire under 2,5 mm in the gold and silver jewellery field. The traction cone of the wire is realized in one piece out of high quality tempered and grinded steel, to guarantee a long life. The diameters of the groovers have been calculated, to effect wire reduction for each passage, not less than 18% of the section . The mentioned cone is rendered integral and powered through a speed reduction gear working in an oil bath. Particular attention has been given to the lubrication of the drawing dies which are completely submerged by the refrigerant during the work. The traction and collection wire reel is powered through a motor with alternate current and a proper converter which allows a continuous adjustment of both the tractive force and speed. The coil unit is operated through the same motor at alternate current used for the traction and collection wire reel, with the addition of a mechanical clutch manually adjustable. The machine is also equipped with: A stop device in case of the wire breaking a stop device through a pedal for the threading operation. An extractable tank with pump for the lubrication of the drawing dies. Coil device adjustable in speed and

TECHNICAL FEATURES:

HEIGHT 1400 LENGTH 2100 WIDTH 900

PASSAGE OF WIREDRAWING OPERATIONS N. 11

DRAWING SPEED 0- 110 mt/1'

MAXIMUM INGOING DIAMETER 2,5 mm MINIMUM COMING OUT Ø 0,20 mm

PRODUCTION FOR HOUR WITH THE COMING WIRE OF 1 mm AU Kg. 60 – AG Kg. 38

SIZES OF THE INGOING AND COMING OUT HANKS EXTERNAL Ø 200 mm

MAIN MOTOR POWER 7,5 Kw

MOTOR POWER COLLECTING CONE 0,75 Kw c.a. MOTOR POWER PUMP 0,37 Kw

FEEDING 380 Volt + N (for different tensions you need the transformer)

WEIGHT 630 Kg. WEIGHT WITH PACKING 800 Kg.

SIZE OF THE PACKING 1100 X 2230X h1560