

# **COMITAL**

## **Slitter characteristics**

The slitter must be suitable for slitting aluminium foil with thickness range 40 ÷ 400 µm in very narrow widths and for rewinding the foil at high speed in reels with perfect alignment, with homogeneous density and in “straight-line” configuration, i.e. without the pit normally used to compensate the difference of flatness and also without the braking system of the slit tapes.

## **Main technical data**

Material to be slit: aluminium foil alloy EN AW 1200 – series 3000 – series 8000

Hardness: H0 ÷ H19

Thickness range: 40 ÷ 400 µm

Max input working width: 1750 mm

Mechanical speed: 800 m/min

## **Unwinder**

Max diameter of the reel to be slit: 1850 mm

Core internal diameter: 600 mm

Min/Max material width: 1100 ÷ 1750 mm

Max reel weight (core included): 11.400 kg

## **Pulling and slitting unit**

Min/max slitting width: 20 ÷ 700 mm

Nr. 2 slitting loaders for shearing with rigid blades

Nr. 2 slitting loaders for slitting with spring preloaded flexible blades

## **Rewinders**

Min/max rewinding diameter:

- 500 ÷ 1000 mm for thickness up to 120 µm and input foil width of 1750 mm;
- up to 1800 mm maximum for thickness up to 400 µm and input foil width of 1300 mm

## **Rewinding shafts**

Expanding mechanical-hydraulic shafts for cores with the following internal diameters:

- 150 mm for steel cores
- 300-400-500 mm for cardboard cores

## **Accessories**

- Lubrication unit for one-sided or bilateral application in amounts from 0,2 to 1 gr/m<sup>2</sup> .
- Aspiration and tearing unit on both sides of the foil for trimmings having width in the range between 10 ÷ 40 mm.
- Handling unit for unloading the slit reels.