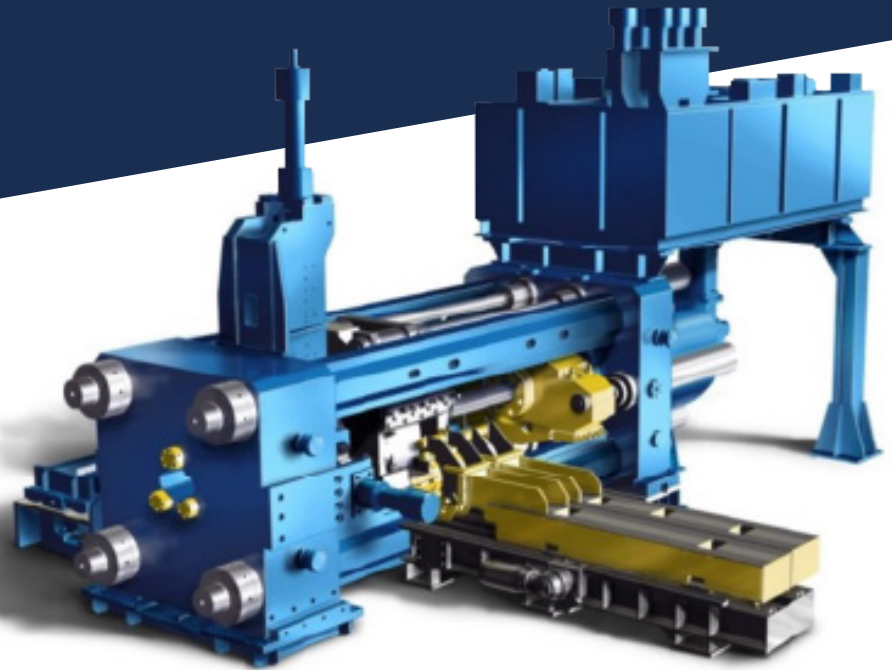


Extrusion Press



VENDOR

Danieli Breda

MATERIALS

Aluminum (Al) and Magnesium-Silicon (MgSi) alloys

An **Extrusion Press** is a thermo-mechanical process which forces metal through a die, using high pressure, to form a piece with a uniform cross section.

For manufacturing lightweight pieces, extrusion uses material such as heated aluminum billets and forces them through a die to create an elongated product.

APPLICATIONS

Industries and applications supported by an extrusion press include: **aerospace, automotive, renewable energy, telecommunications, electronics, mass transit, construction, and others.**

SPECIFICATIONS

- Produces up to 400" long sections
- Uses 1,344 U.S. tons of force
- Furnace preheats 200lb. billets at 900°F

Capacity	12MN/1344 Tons
Nominal Pressure	250 Bar/3336 PSI
Extrusion Speed	16mm/s , 0.63"/s
Exit hold width	Ø 200mm/7.9"
Exit Slotted Width	250mm/11.8"
Container (Ø)	157mm/6.18"
Container Length	830mm/32.67"
Extrusion Length	up to 80'/90'

Die Stack Dimension	Ø355 x 355 ; 13.98" x 13.98"
Billet Specifications	
Billet (Ø)	152.4mm/6" +0mm/-2mm/0.08"
Billet Max Length	800mm/31.5"
Billet Furnace	
Temperature	530C/986F
Quench	n/a