

USED ALUMINIUM PROFILE PRODUCTION LINE

GENERAL INFORMATION

Equipment : Aluminium Extrusion Press
Manufacturer : Youngstown (USA)
Press Capacity : 1650 Metric Tons
Press Type : Horizontal Hydraulic, Direct Extrusion
New in : Unknown (1980's)
Refurbished in : 1999
Condition : Under Power
Location : Yangsan, Korea
Availability : Immediate

1. Induction Heating System

Make : Local
control : PLC (LS Master-K80)
Built in : 1999
Rated power : 200 Kw
Loader

2. EXTRUSION PRESS

Rated Extrusion Force : 1650 Tons
Main Ram Stroke : 1,200 mm
Extrusion Speed Range : 15 mm/sec.
Max Extrusion Pressure : 20 – 25 MPa

CONTROL SYSTEM

PLC System : LS XGK
HMI : Touch screen operator panel
Control Mode : Manual / Semi-Automatic / Automatic
Process Control : Extrusion pressure & speed control

HYDRAULIC SYSTEM

Main Working Pressure : 20 – 25 MPa
Main Motor Power : 2 x 132 kW
Hydraulic Pumps : 2 x Kawasaki LZ-500-110R1 (600l/MIN.)
Oil Tank Capacity : 8,000 liters
Oil cooling pump : 120 lit./min.

BILLET & CONTAINER

Container cylinder : ø 203.2 mm
Container Heating : Induction
Billet Diameter : 150 mm
Billet Length : 550 mm

DIE & TOOLING

Max Die Diameter : 230 mm
Die Change System : Manual
Die heater

3. RUN-OUT TABLE

Length : 40 mtrs
Cooling : water/air
Profile support rollers

4. PULLER

Speed sync. with extrusion
Gripping : Hydraulic

5. SHEAR

Cylinder : ø 155 mm
Stroke : 571.5 mm

6. COOLING BED

Length : 40 mtrs

7. STRETCHER

Capacity : 25 tons
Length : 30 mtrs

8. CUTTING SAW

9. PACKING SYSTEM

Profile stacking
Bundle tying

Floor space

20 MTRS X 60 MTRS