

IMABE METAL SCRAP SHEARS TO PROCESS FERROUS AND NON FERROUS METAL SCRAP

Alligator Shear Model **T-300**



- Technical Presentation -

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1. TECHNICAL DESCRIPTION

1.1 METAL ALLIGATOR SHEARS

1.1.1 General description

IMABE IBERICA, S.A. designs and manufactures metal scrap alligator shears to process ferrous and non ferrous metal scraps.

These machines are characterized by its simple design with a great robustness and strength. They are also easy-to-use and maintenance.

UNBEATABLE

The sturdy construction of this machine follows IMABE's well proven design route, offering simplicity of operation together with a performance unmatched by other machines selling in the same segment. A number of models are available according to each client needs.

In addition the T-300 has been designed specifically for the cutting ferrous and non ferrous metals. This machine includes an scrap metal hold down operated hydraulically giving to the machine maximum performance and safe operation.



Power pack for Alligator shear model T-300



Sturdy and powerful shearing force



Power & control panel >

HIGH PERFORMANCE



The T-300 Shear gives you a massive cutting capacity of up to **80 mm diameter** when processing MILD STEEL. Working with non ferrous max thickness is much higher.



1.1.2 Technical Specifications

Technical Specifications	Shear model T-300
Blade length	750 mm
Shearing blade opening	320 mm
Material hydraulic hold-down	Incorporated
Electric motor power rating	22 Kw (30 HP)
Electric standard supply	3 Phases x 415 V x 50 hz
Cut Speed	20 dry cycle / min
Power and control panel	included
Oil cooling and filtering system	included
Oil tank capacity	700 Litres
Equipment working temperature	+5 to +35 C Deg
Over all dimensions (L x W x H) (m)	4.20 m x 1.70 m x 1.00 m
Machine overall weight (approx.)	3,200 kg
Shearing capacity:	
● Round bar	80 mm
■ Square bar	80 mm
L Angle	160 mm
U Profile	300 mm
I Profile	250 mm
Flat bars	400 x 40 mm

2. MANUFACTURING CONDITIONS

All equipment described in the present offer are manufactured, assembled and tested in the **Imabe Ibérica S.A.** workshops, located in Arganda del Rey, Madrid (Spain).

Equipment manufacture, installation and assembly herein offered comply with **European Union** technical directives.

The manufacture, installation and assembly of all equipment herein described are in compliance with **ISO 9001 standard**.

