

Scrap Shears ALLIGATOR

Scrap Shears ALLIGATOR L500

ALLIGATOR Scrap Shears L500 are used for materials up to 110 mm thick

Characteristic:

- Pressure strength: up to 500 tons,
- Blade length: 1600 mm,
- Max. Blade Spread: 850 mm

Hydraulic ALLIGATOR scrap shears are powered with electricity. The electric engine drives a pump which compresses liquid in two hydraulic servomotors. One is responsible for the clamp of the shears, the other - for the holding clamp. Liquid between the servomotors is circulated through an electro-hydraulic switch valve, which ensures equal distribution of the strength of pressure and cut.



Technical data:

	Shears Clamp	Holding Clamp
Power	5000 kN	400kN
Cylinder Diameter	320 mm	160 mm
Piston Diameter	220 mm	105 mm
Steering System	Electro-hydraulic switch valve, control panel	
Nominal Pressure	20 MPa	
Engine Power	44 kW	
Pump maximum displacement	2x160 cm ³	
Hoist Frequency	8-10 times per minute	
Blade Length	1800 mm	
Max. Blade Spread	850 mm	
Max. Size of Cut Material	Angle plate	200x200x16 mm (3 sztuki)
	I-Beam	400x146x14,5 mm
	C-Rail	400x105x14,5 mm
	Board	20x1400/40x800 mm
	Square rod	110x110 mm
	Round rod	Φ 120 mm
Size	Machine	3350x1300x2000 mm
	Oil tank	3000x2150x2250 mm