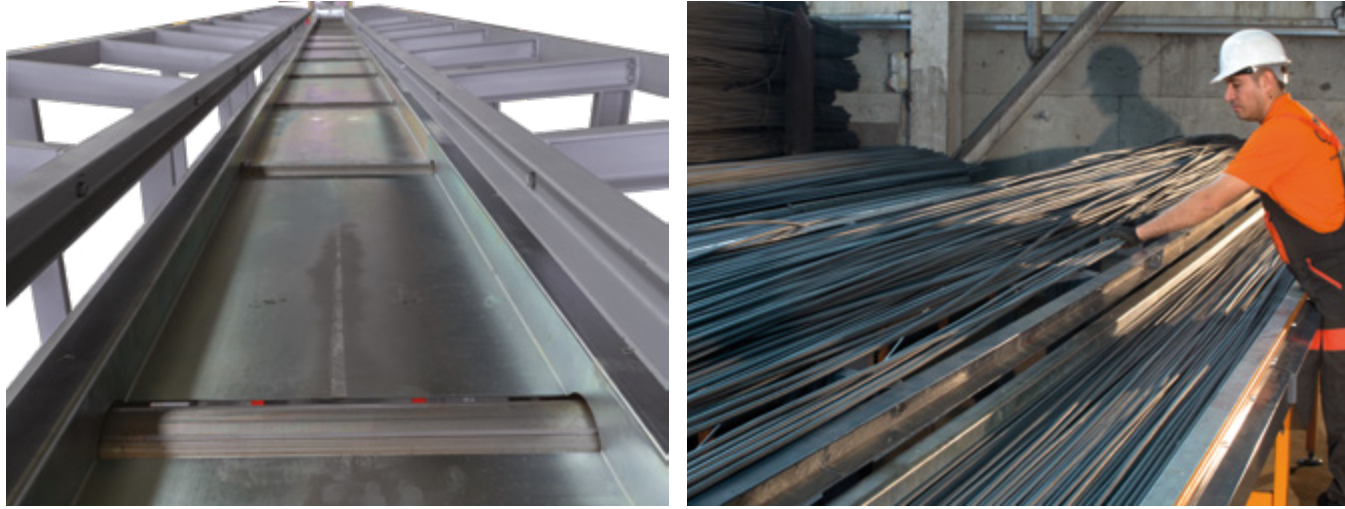


FEATURES

INFEEED CONVEYOR & FEEDING PLATFORM

Consist of 12 meters (40 ft) standard infeed conveyor.



Made of galvanized steel

Movement of rebars with the assistance of automatic sliding rollers on conveyors.

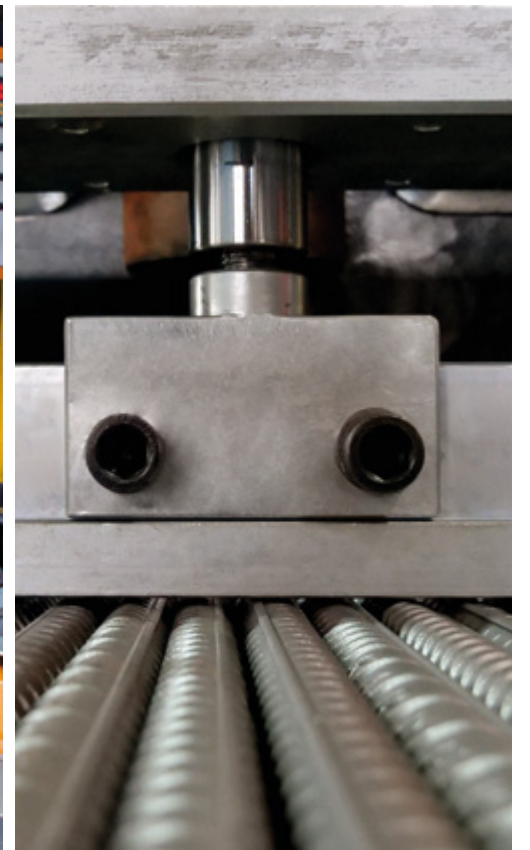
DIGITAL CONTROL PANEL

- 360 degrees movement ability
- All measurements can be controlled by digital unit and user friendly solutions.
- Sensitive cutting ability with its functions.



MAIN HYDRAULIC BODY & CUTTING UNIT

- Produced by heat treated steel.
- Long lasting usage.
- Main hydraulic cutting body is steady and all sensitive measurements and cuttings can be made with this unit.



OUTFEED CONVEYOR & COLLECTING BINS

Consist of 12 meters (40ft) outfeed conveyor with automatic sliding rollers



Decoilers

- Consist of 12 meters (40ft) 2 pockets of collecting bins.
- All arms can open and close manual
- Sheared rebars can be unloaded automatic to desired bin
- Modular base pockets, the length can be also arrangeable



MATRIX 55 TECHNICAL DETAILS

Hydraulic motor (KW / HP)	7.5KW / 9,38 HP
Loading rollers motor	3x1,1KW
Loading rollers motor	1X0.75KW
Discharging roller motor	3X1.1KW
Remote control (Remote connection)	Available
Moving stopper control motor (KW / HP)	0,75 KW Servo control / 2 HP
Cutting system	Hydraulic System
Electrical working system	PLC controlled
Control panel	10.1" inch digital screen
Collecting bins	Available (Manual)
Discharging	One side only
Discharging system	Hydraulic System
Total power (KW / HP)	15,85 KW / 21,2 HP
Energy consumption (KWh)	14.65 KWh
Total weight (KG / LBS)	5200 KG / 11,46 LBS
Cutting sensivity	± 3 mm
Hydraulic sytem pressure (BAR / PSI)	250 (bar) / 3625 PSI

CUTTING CAPACITIES OF SHEAR LINE

Machine Model : MATRIX 55
Machine Name : 55mm (#14) Shear Line

STRENGTH OF STEEL

DIAMETER / INCH BAR SIZE	STRENGTH OF STEEL		
	45 kg/mm² / Piece	65 kg/mm² / Piece	85 kg/mm² / Piece
Ø 55 / #14	1	1	1
Ø 40 / #14	5	4	4
Ø 36 / #11	6	5	5
Ø 32 / #10	7	6	6
Ø 28 / #9	8	7	7
Ø 26 / #8	11	10	10
Ø 22 / #7	13	12	12
Ø 20 / #6	14	13	13
Ø 16 / #5	18	18	18
Ø 12 / #4	24	24	24
Ø 10 / #3	30	30	30
Ø 8 / #3	35	35	35