

SmartShear

HYDRAULIC GUILLOTINES



Hydraulic Guillotines

The RVD SmartShear S range of hydraulic swing beam guillotines are manufactured with a strong welded steel frame capable of shearing material from thicknesses of 4mm to 32mm and lengths from 2500mm to 6000mm.

The NC Elgo controller ensures accurate positioning of the rear backgauge. The multi edged blades are hardened and able to shear aluminium, mild steel and stainless steel.

The Bosch Rexroth hydraulic system ensures a smooth and quiet operation with fast return. The machine can be switched to single cut operation or continuous cut for volume production operations.

Recognised high quality components have been carefully selected for all RVD guillotines to ensure reliability, longevity and first class aftersales service.



Features

- 750mm NC automatic backgauge
- Cutting line illumination with shadow wire
- Stroke adjustment to reduce cutting time for narrower sheets
- Piece counter
- Bed infill plates with ball transfers
- Front squaring arm and support arms
- Backgauge retraction feature
- Blade gap adjustment
- High quality components
 - Main motor – Siemens Germany
 - Electrics – Schneider Germany
 - Hydraulic system – Bosch Rexroth Germany
 - Hydraulic fittings – EMB Germany
 - NC controller – Elgo Germany

Options

- 1000mm NC automatic backgauge
- Motorised blade gap adjustment
- Pneumatic sheet supports
- Angle gauge

Quality Approved

RVD are committed to using quality components from leading manufacturers.

Schneider
Electric

ELGO
ELECTRONIC

rexroth
A Bosch Company

Gates **EMB**

CYBELEC

SIEMENS

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Key Specifications

Shearing Width
2500mm - 6000mm

Shearing Capacity
4mm - 32mm

Control
Elgo NC Control



Technical Specifications

		2500.04	2500.06	2500.08	3100.04	3100.06	3100.08	3100.10	4000.04	4000.06	4000.08	4000.10	4000.12
Cutting Length	mm	2500	2500	2500	3100	3100	3100	3100	4000	4000	4000	4000	4000
Cutting Capacity (45Kg/mm2)	mm	4	6	8	4	6	8	10	4	6	8	10	12
Cutting Capacity (70Kg/mm2)	mm	2.5	4	5	2.5	4	5	6	2.5	4	5	6	7.5
Cutting Angle	°	1°30	1°30	1°30	1°30	1°30	1°30	1°50	1°30	1°30	1°30	1°50	1°80
Stroke Per Minute		22	16	14	18	12	12	12	12	10	10	6	8
Main Motor	kW	5.5	7.5	7.5	7.5	7.5	7.5	22	7.5	7.5	11	18.5	18.5
Backgauge Travel	mm	750	750	750	750	750	750	750	750	750	750	750	750
Throat Depth	mm	100	120	120	100	120	120	120	100	120	120	120	120
Length	mm	3300	3150	3180	3950	4000	4000	4000	4600	4650	4680	4800	4800
Width	mm	1600	1500	1680	1600	1700	1800	1950	1705	1700	1800	2050	2270
Height	mm	1700	1600	1700	1700	1800	1850	1900	1600	1800	1850	2100	2000
Weight	Kg	4650	5140	5900	4950	6250	6500	8100	6900	6850	7360	12800	13800

