

# V550-4

## Punching & Shearing system

The V550-4 punching & shearing system is designed for the production of connection plates, base plates, diagonal trusses and braces. The V550-4 is capable of punching and shearing of flats and angles (optional). The standard machine consists of an infeed system for flats and angles, a punching machine, a flat steel shear and a single numbering unit. The punching machine of the V550-4 is fitted with 4 punches and the machine is provided with a shear for cutting flat steel. For the fabrication of angles, the V550-4 can be extended with an angle shear and a horizontal punching machine. For product handling there are several outfeed systems available. For example an automatic outfeed system.

The computer control is suitable to import DSTV-data. After this the program carries out a bar nesting and a length optimization based on trade lengths. The computer control can be connected with the company's computer network.



### Operating range

Flat steel	50 x 5 – 500 x 25 mm
Angle steel	50 x 50 x 5 – 200 x 200 x 16 mm

### VPO 1000 Punching machine

Capacity	1.000 kN
Punch Ø / material thickness	Ø 57 mm / 15 mm Ø 31 mm / 25 mm
Number of punches	4

### VPS 2200 Flat steel shear

Capacity	2.200 kN
Width / material thickness	500 mm / 25 mm
Mitre shearing	+/- 45°

### VN 1/36 Numbering unit

Characters	1 x 36 pieces.
Character height x imprint	10 x 1 mm

### VHS 2400 Angle steel shear (option)

Capacity	2.400 kN
Width / material thickness	200 x 200 mm / 16 mm

### VPH 600 Horizontal punching machine (option)

Capacity	600 kN
Punch Ø / material thickness	31 mm / 16 mm
Number of punches	1

### VD 40 Drilling unit (option)

Drill diameter	8 – 40 mm
Thread tapping	M8 – M24
Spindle rotation	Servo 100 – 2.500 rpm
Automatic tool changer	VTC 5/40, 5 positions

