

Structural Steel Manufacturing Lines Lydney, United Kingdom

**LOT 529001:
VOORTMAN BEAM PROCESSING LINE - SMALL PARTS , YEAR 2008
TECHNICAL SPECIFICATIONS**



**PRIVATE TREATY SALE
AVAILABLE FOR IMMEDIATE SALE**

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Voortman Beam Processing Line - Small Parts (Year 2008)

Available for Immediate Sale
Location: Lydney, United Kingdom

Comprising;

- 24 Station automatic carousel infeed system, 6.1m length capacity, complete with 12 point electro-magnetic loading lift. Additional 6m manual loading station.
- Fixed Drill station, complete with 1 Vertical and 2 Horizontal Carbide drill units., (Horizontal with 4 station ATC, Vertical with 5 ATC)
- Moving Drill Station, complete with 1 Vertical and 2 horizontal, (Horizontal with 4 station ATC, Vertical with 5 ATC)
Serial No. 062020-5019
- Behringer PSU 450 S Automatic Mitre Saw, Serial No. V20120
Year 2007
- 12m Outfeed Station
- Centralised PLC (Beckoff) control units.

(Two swarf conveyors excluded from sale)

Drawings and Manuals Available – Electronic Format

Dismantling and Loading Available – On Request

VOORTMAN Piece manufacturing System

D. Technical specifications

Infeed system suitable for

Flat steel

length	: 6.200 mm
width	: 50 - 350 mm
thickness	: 5 - 30 mm

Angle steel

length	: 12.200 mm
width / height	: 50 x 50 - 130 x 130 mm
thickness	: 5 - 12 mm

Channel

length	: 12.200 mm
sizes	: 78 x 38 mm 78 x 40 mm 100 x 50 mm 125 x 65 mm 150 x 75 mm

Box sections

length	: 12.200 mm
width / height	: 50 x 50 - 130 x 130 mm
thickness	: 3 - 8 mm

Max. positioning weight : 750 kg

V3000 Stock System

Base frame

height	: approx. 4.500 mm
width	: approx. 7.000 mm
length	: approx. 4.500 mm
nett frame weight incl. bins	: approx. 15.000 kg

Bins

Number of bins	: 18 pcs
capacity	: 3.000 kg / bin
length inside	: 6.500 mm
width inside	: 750 mm
height inside	: 240 mm

VOORTMAN Piece manufacturing System

3 Spindle Drilling system

Drilling unit type	: BF5
Electrical power	: 11 kW
Drill diameter Oil tube drills	: 8 - 45 mm
Drill diameter Hard metal tip drills	: 16 - 40 mm
Thread tapping	: M8 - M24
Spindle rpm	: stepless 200 - 1.500 rpm
Feed	: electrical/automatic; stepless
Lubricant	: internal cooling air/oil
Regrinding angle of the oil tube drills	: 170°
Tool holder	: SK 50
Centring possibility	: yes
Automatic tool changer	: 3 x 5 tools

Drilling unit suitable for:

Flat steel	: 50 x 5 - 350 x 30 mm
Angle steel	: 50 x 50 x 5 - 130 x 130 x 12 mm
Channel	: 78 x 38 - 150 x 75 mm
Box sections	: 50 x 50 x 3 - 130 x 130 x 8 mm

UCM 425 Universal Coldsaw

Capacity

flat 90° (w x h)	: 350 x 30 mm
flat 45° (w x h)	: 260 x 30 mm
square 90° (w x h)	: 130 x 130 mm
square 45° (w x h)	: 120 x 120 mm
Saw blade diameter	: 425 mm
10 Cutting speeds	: 14 - 220 m/min
Swivelling range	: 60 - 0 - 60 Grad

Sawing unit suitable for:

Flat steel	: 50 x 5 - 350 x 30 mm
Angle steel	: 50 x 50 x 5 - 130 x 130 x 12 mm
Channel	: 78 x 38 - 150 x 75 mm
Box sections	: 50 x 50 x 3 - 130 x 130 x 8 mm

Shear for flat steel VPS 2200 (Option)

Capacity	: 2.200 kN (220 t.)
Width / material thickness (max.)	: 500 mm / 25 mm
Hydraulic clamping	: yes
Mitre shearing	: +/- 45°

12m manual infeed:



6m carousel loading area:



Carousel for automatic loading:



Magnetic lifter for auto loading from carousel:



Infeed and operator area:



(Impact e-kiosk not included)

Main operator area:



3 carbide drill unit (1 vertical, 2 horizontal):



Additional moving vertical drill:



Circular mitre saw unit:



Front of 12m outfeed:



Back of 12m outfeed:



(swarf conveyors not included)

Control panels:

