

#### STYLE 510 CNC LATHE

Turning diameter above the bed: 510 mm

Lathe tip distance: 1 350 mm

Turning diameter above the support: 300 mm

#### HLM 860 HORIZONTAL LATHE

Turning diameter above the bed: 860 mm

Lathe tip distance: 3 000 mm

Turning diameter above the support: 550 mm

#### VLC 1 600 ATC/C CNC VERTICAL LATHE

Max. workpiece height: 1 350 mm

Max. workpiece weight: 4 500 kg

Max. working diameter: 2 000 mm

Clamping baseplate diameter: 1 600 mm

#### VLC 2 500 ATC+(C) CNC VERTICAL LATHE

Max. workpiece height: 1 600 mm

Max. workpiece weight: 15 000 kg

Max. working diameter: 3 000 mm

Clamping baseplate diameter: 2 500 mm

#### STYLE BT 1 500 MILL CNC MILLING MACHINE

Table clamping area: 1 850 x 610 mm

Working range x/z/y: 1 500/600/650 mm

Max. workpiece weight: 1 000 kg

#### VERTICAL CUTTER

Table clamping area: 630 x 560 mm

Max. lift height: 320 mm

#### WHN 110 CNC HORIZONTAL DRILLING MACHINE

Working range x/z/y: 2 500/1 250/1 6500 mm

Table size: 1 400 x 1 600 mm

Max. workpiece weight: 8 000 kg

#### WHN 130 CNC HORIZONTAL DRILLING MACHINE

Working range x/z/y: 3 000/1 600/2 000 mm

Table size: 1 600 x 1 800 mm

Max. workpiece weight: 12 000 kg

#### MACHINE WELDING

Orbital welding with a maximum pipe wall thickness of 1.5–2 mm and  $\varnothing$  13, 19, 23, 29, 41 and 55 mm

#### WELDING

111 - electrode/MMA

135 - MIG/MAG

136 - MIG/MAG (tube wire)

141- TIG/WIG

311 - oxyacetylene torch

#### RONZANI GRINDING SYSTEM 3 000 x 2 000 CNC GRINDING MACHINE

Grinding/polishing of cylindrical and conical surfaces and dished heads to roughness: Ra 0.4 (outer surfaces) and Ra 0.1 (inner surfaces)

#### MECHANICAL SURFACE TREATMENT

Grinding: unification by vibratory grinder to Ra 0,4 - 0,8  $\mu$ m

Polishing: Ra 0,1  $\mu$ m – mirror shine

#### WATER JET- 2 MACHINES

Maximum sheet size to be machined: 2 000 x 6 000 mm or 2 500 x 4 000 mm

Cutting thickness: 0.5–180 mm

Cutting accuracy: up to  $\pm$  0.2 mm

Cutting width: 0.9–1.5 mm for abrasive beam

#### CERAMIC BLASTING

Ceramic abrasive blasting

#### HYDRAULIC BENDING MACHINE

Max. material length: 2 500 mm

Max. material thickness: 12 mm

#### HYDRAULIC SHEARS

Max. cutting length: 3000 mm

Max. material thickness: 5 mm

#### HYDRAULIC BENDING MACHINE

Max. material length: 3 000 mm

Max. material thickness: 6 mm

#### PENETRATION TESTS

PT method according to EN 3452-1

#### INSPECTION OF HOLLOW SPACES

Endoscope

#### ANALYSIS OF METALLIC MATERIALS

handheld ED-XRF spectrometer