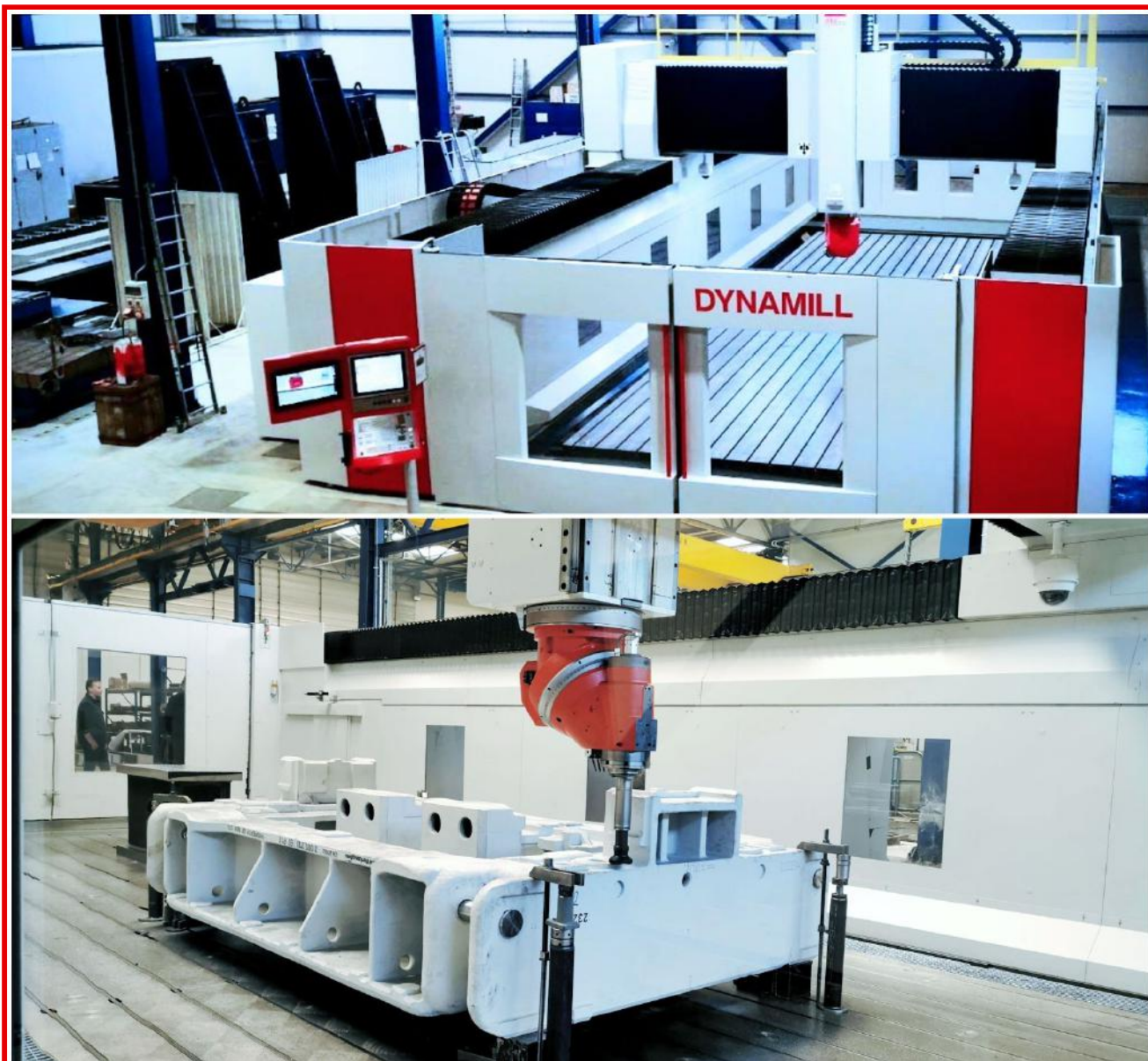




MACHINE LIST: CNC MACHINING

TYPE	NAME	X,Y,Z Travels [mm]
<i>Large part machining</i>		
5-axis CNC Gantry Milling Machine	EMCO MECOF DYNAMILL HP5	12000, 4000, 1500
3+2-axis CNC Horizontal Milling Machine with rotary table	MECOF 206	12000, 3500, 1250 2000x2000





MACHINE LIST: CNC MACHINING

TYPE	NAME	X,Y,Z Travels [mm]
<i>Medium- and Small-sized part machining</i>		
3-axis CNC Milling Machine	NCT FBE 3000	3000, 1000, 1500
3-axis CNC Milling Machine	EMCO EMCOMILL 1200	1200, 610, 500
3+2-axis CNC Milling Machine	EMCO MAXXMILL 750	750, 610, 500
3-axis CNC Milling Machine	NCT MM760	760, 430, 460
LATHE (conventional)	RAVENSBURG KD55	1550x1500
LATHE (conventional)	KNUTH COMPASS	250x1500
LATHE (conventional)	OERLIKON	250x1500



METROLOGY / QUALITY

NAME/TYPE

Description

Coordinate Measuring Machines (CMM)

LEICA Absolute Tracker AT403 - Laser tracker measurement volume between $\varnothing$ 0.8 -320m

Portable measuring arm HEXAGON/ROMER $\varnothing$ 2.5 m working diameter
with integrated laser scanner and tactile probing

In-house Nondestructive Testing

Visual Examination - level II (VT2)

Magnetic Particle Inspection - level II (MT2)

Liquid Penetrant Testing - level II (PT2)

Ultrasonic Testing - level II (UT2)



MACHINE LIST: METAL PROCESSING

TYPE	Description
CNC plasma + oxy-fuel plate cutting machine (280A)	12000 mm x 4000 mm / 30 mm (inox) / 40 mm (S235)
Semi Automatic Double column bandsaw machine	500 mm x 750 mm / +-60°
Sheet metal shear	3000 mm / 6mm
Single spin drill line with milling functionality	12000, 1100, u (milling) 100 mm
Pneumatic Tapping Machine	M3-M24, 400-115 rpm
NC Press Brakes	400 ton 5000 mm / 15 mm (S235) 120 ton 3000 mm / 5 mm
Straightening press	200 ton
Rolling machine	2500 mm / 15 mm (S235) /prebending 12mm/
Welding Machines (MIG/MAG/TIG/SAW)	20 machines

Also: other horizontal and vertical bandsaw machines, circular saws, various drilling machines, eccentric presses (up to 63 t), manual bending, cutting machines, , handheld and portable chamfering machines (up to 50 mm)

CORROSION PROTECTION

<i>Surface preparation</i>	Blasting Cabin dimensions
Shot Grit Blasting conforming to standard of cleanliness SA 2.5	Length: 14 m Width: 5.5 m Height: 5 m
<i>Coating</i>	Paintshop floors:
Industrial Airless Spray Painting in enclosed, heated paint shop with filtered exhaust system	350 + 190 sqm

WELDING COORDINATION

<i>WPS</i>	<i>Certified Welding Inspectors</i>
Detailed documents elaborated by the Welding Inspectors giving direction to welders in order to produce welds of high quality and resistance.	2 International/European Welding Engineers 2 International Welding Practitioners

WPQRs - Over 20 certified Welding Procedure Qualification Records

State-of-the-art Welding and Welding Preparation Equipment

Heavy-duty welding machines, chamfering machines, positioners, rotators, roller beds of top brands like ESAB, LORCH, REHM, KJELLBERG, GERIMA and CEVISA

