



**EQUIPMENT
FLEET**

flengineering.it



FL Engineering has a cutting-edge range of equipment that meets evolving quality requirements and manages all process phases with maximum efficiency and quality. Thanks to an ad hoc management system we can offer flexible production with processes that are checked methodically, continuously and thoroughly.

We can process numerous materials, including aluminium and steel and their alloys, iron, copper, bronze, stainless steel and plastic. We carry out the following operations: turning, continuous 3- and 5-axis milling, electrical discharge machining, drilling, grinding, welding, assembly and pre-assembly of mechanical units.

We manage
all processing
phases with the
utmost quality and
efficiency

We hold
certification



We offer heat and surface treatments through a tried and tested network of specialist, accredited partners.

Final checks on the finest engineering detail are guaranteed thanks to our measurement facilities. The equipment used includes: Zeiss Contura apparatus, digital altimeter, profilograph, durometer and a complete range of gauges for measurements to the order of thousandths. This enables us to provide an efficient, high-quality service.



EQUIPMENT FLEET



Spinner U1530 - 5 Axes

ACTUAL WORKPIECE DIMENSIONS	Tilting turntable dimensions 600X500X400 mm / 500 Kg Maximum dimensions on both tables 1500x500x400 mm / 2000Kg
WORKING AREA	X-axis 1530 mm Y-axis 530 mm Z-axis 465 mm



Spinner U5-630 - 5 Axes

ACTUAL WORKPIECE DIMENSIONS	600X500X400 mm / 500 Kg
WORKING AREA	X-axis 630 mm Y-axis 530 mm Z-axis 465 mm



Spinner VC1650-5A - 5 Axes

ACTUAL WORKPIECE DIMENSIONS	Tilting turntable dimensions D=900x800 mm / 1000 Kg Maximum dimensions on all tables 1650x820x870 mm / 2000Kg
WORKING AREA	X-axis 1650 mm Y-axis 820 mm Z-axis 820 mm



Wele CV-1260 - 3/4 Axes

TABLE DIMENSIONS	1300x600 mm /1000Kg
TURNTABLE	CNC260 Nikken
WORKING AREA	X-axis 1200 mm Y-axis 600 mm Z-axis 600 mm

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Spinner VC 750 - 3 Axes

ACTUAL WORKPIECE DIMENSIONS	750X400X400 mm / 350 Kg
WORKING AREA	X-axis 760 mm Y-axis 460 mm Z-axis 460 mm



Spinner VC 850 (x2) - 3 Axes

ACTUAL WORKPIECE DIMENSIONS	850X510X450 mm / 500 Kg
WORKING AREA	X-axis 850 mm Y-axis 510 mm Z-axis 510 mm



Spinner TC 600 - Lathe, 1 Spindle

WORKPIECE DIAMETER	1-250 mm
LENGTH OF TOOL WITH SELF-CENTERING CHUCK	1-250 mm
LENGTH OF TOOL WITH TAILSTOCK	1-600 mm
WORKING AREA	X-axis 275 mm Z-axis 700 mm Y-axis (turret) +50-40 mm



Spinner TC 600-65 SMCY - Lathe, 2 Spindles

WORKPIECE DIAMETER	400 mm
LENGTH OF TOOL WITH SELF-CENTERING CHUCK	650 mm
LENGTH OF TOOL WITH TAILSTOCK	600 mm
WORKING AREA	X-axis 275 mm Y-axis 700 mm
SPINDLE BORE	65 mm

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Marinoni C6250A/1500 - Lathe

Ø Max SWING ØMax SWING OVER CARRIAGE ØMax SWING OVER GAP	540 mm 320 mm 750 mm
BED WIDTH	405 mm



Norblast SD12B (x2)

TYPE	Sandblasting/shot-peening machine
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Laserberg Tech FIBERGPLUS

TYPE	Laser marker
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Zeiss Contura 7/10/6 - Measuring machine

WORKING AREA	X-axis 700 mm Y-axis 1000 mm Z-axis 600 mm
MAXIMUM LOAD	730Kg

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Makino U6 H.E.A.T - **Wire EDM**

U-axis	±75mm
MAXIMUM WORKPIECE DIMENSIONS	1000 x 800 x H400 mm
MAX. WORKPIECE WEIGHT	1500 Kg



Fenix FD-150 - **Grinding machine**

GRINDING WIDTH	1500 mm
GRINDING LENGTH WITH DIAMOND GRINDER ON A CROSS BEAM	1750 mm
GRINDING WIDTH	950 mm
GRINDING HEIGHT	750 mm



Delta MAXI 1500/750 - **Grinding machine**

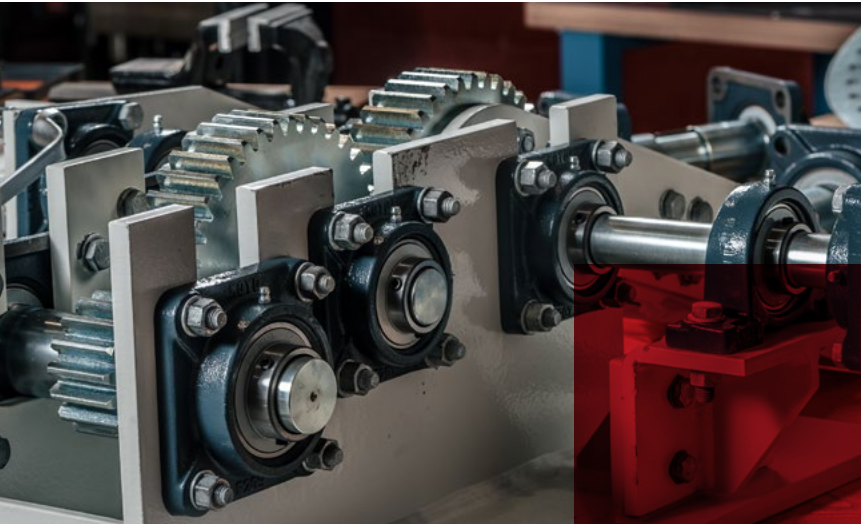
MAX. GRINDING SURFACE	1500x775 mm
TABLE CONTACT SURFACE	1500x600 mm
MAX. LONGITUDINAL STROKE	1800 mm
MAX. PERMISSIBLE WEIGHT ON TABLE	2300 Kg



Favretto MD 200 - **Grinding machine**

MAX. GRINDING SURFACE	2250 mm
WORKING AREA	950x700x2400 mm
WORKPIECE TABLE SURFACE	2100x700 mm
MAX. PERMISSIBLE WEIGHT ON TABLE	3000 Kg

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we have been
designing unique
parts, supporting
you at every stage of
the production cycle.



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we can look at your
project and get to
know each other.

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implementation of any project you would like us to deliver.



FL ENGINEERING

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AND ENGINEERING WORKSHOP



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certification



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