

PORTABLE
MACHINES



BOXED
TECHNOLOGY

LAGUN
MAHER HOLDING

SPECIALIST IN MILLING, TURNING, BORING AND GRINDING TECHNOLOGIES

PORTABLE CNC MACHINES

THE MOST ADVANCED SOLUTIONS, WHEN YOU NEED THEM

We manufacture **LAGUN** portable numerical control machines to carry out on-site machining processes, saving time and resources.

We design and manufacture **custom portable** machining solutions based on milling, turning, boring and grinding technologies, in which we are specialists.



ABOUT US

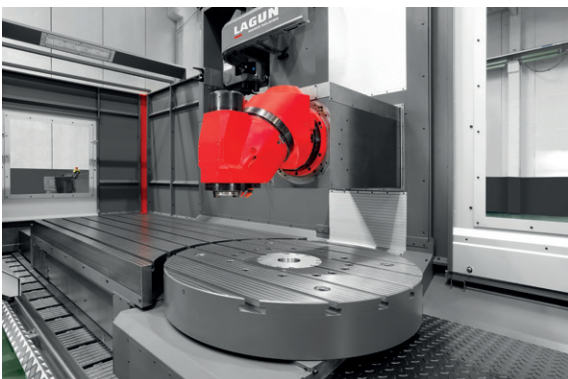
MORE THAN 65 YEARS OF EXPERIENCE AT YOUR DISPOSAL

More than 65 years have passed since the first Lagun universal milling machine was manufactured in 1954. During all these years, we have developed a wide range of possibilities in milling, turning, boring and grinding technologies to provide customized solutions for our clients.

We belong to MAHER HOLDING, an industrial group formed by companies specialized in machine tools, with a machining solution portfolio designed to tackle the complex needs of the industry.

MAHER HOLDING

www.maherholding.es



01

**CNC (Numerical Control)
machine**



02

**Extensive knowledge
in machinery design
and manufacture**



03

**Experience in milling,
turning, boring, and
grinding technologies,
among others**



04

**Machine customisation
according to every need**



05

**Member of the
MAHER HOLDING
industrial group**



06

**Sustainable and
environmentally
friendly machines**

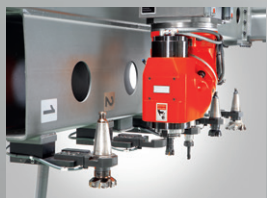


FGP**CNC PORTABLE GANTRY MILLING MACHINE**

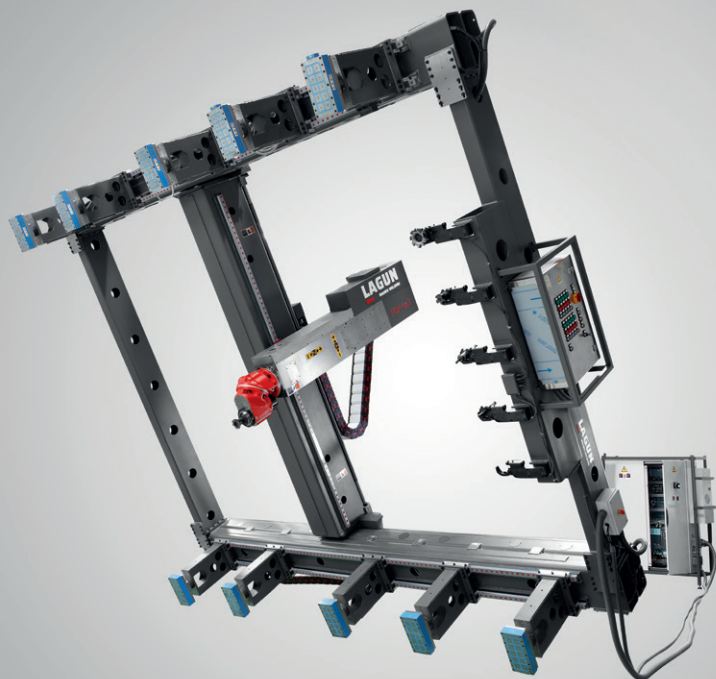
HORIZONTAL & VERTICAL MACHINING



AUTOMATIC OR MANUAL MILLING HEAD



AUTOMATIC TOOL CHANGER



The **FGP** portable CNC milling machine with appropriate accessories it performs milling, drilling, tapping and boring operations.

It can satisfy the highest quality standards, both in terms of geometric tolerances and surface finish.

Machine designed for:

- Shipbuilding industry.
- Various machining.

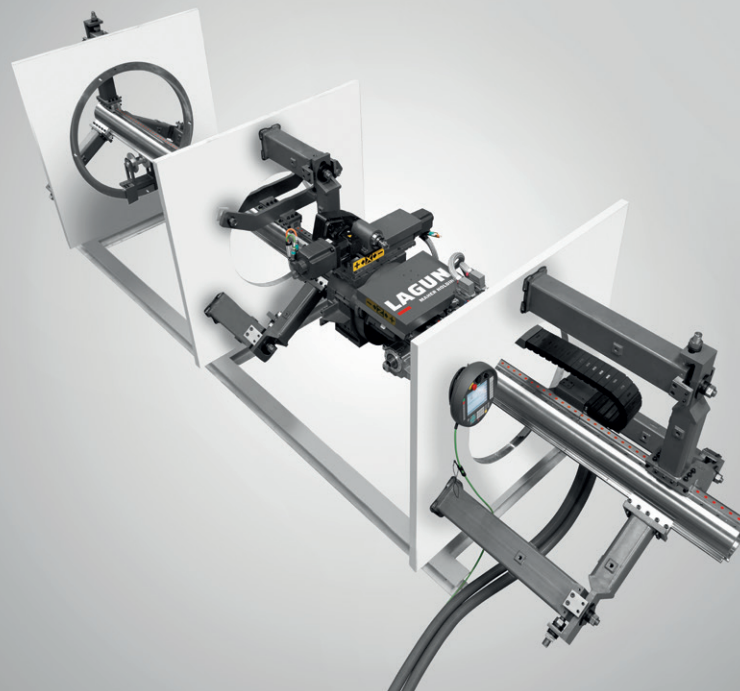
Other possible applications:

- Energy- turbine housing machining, machining turbine split lines, generator corset machining, machining pump and motor pads, steel mill stands...
- Flange machining: crane bases, propulsion systems flange,...
- Cavities and windows in structures.

CNC PORTABLE GANTRY MILLING MACHINE**FGP 43****FGP 22**

Traverse X	mm	4,000	2,000
Traverse Y	mm	3,000	2,000
Traverse Z	mm	1,000	500
S Spindle head 1			
• Power	kW	10	
• Spindle taper	-	ISO 50	
• Speed range	r.p.m.	3,000	

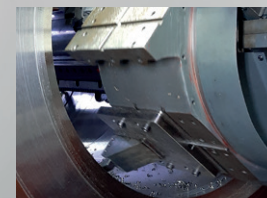
Other dimensions under request.

MFP**CNC PORTABLE MILLING & BORING MACHINE**

DRILLING



MILLING



BORING-TURNING

The **MFP** portable CNC precision boring machine for large bodies with long cylindrical bores not accessible to conventional machines.

It performs on site machining jobs and alignment on large bodies for indefinite lengths. Using the appropriate accessories, it performs different machining as milling or drilling. Thanks to its modularity it is adaptable and flexible for many applications.

Machine designed for:

- Shipbuilding industry.
- Bulkheads machining.

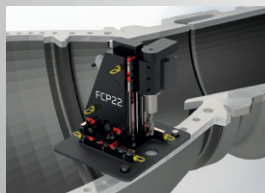
Other possible applications:

- Turbine housing machining.
- Water pumps.
- Pelton, francis,...turbines shafts.
- Flanges.
- Rolling axis housing.
- Long cylindrical borings.

CNC PORTABLE MILLING & BORING MACHINE**MFP 35****MFP 70**

Z traverse			
• Length	mm	Under requirements	
• Pushing force	N	2,500	6,000
C traverse - boring			
• Minimum diameter	Mm	350	700
• Torque	Nm	450	1,120
U Traverse - boring	mm	50	-
X Traverse - milling	mm	-	150
Spindle head 1			
• Power	kW	2,3	
• Spindle taper	-	ISO 40	
• Speed range	rpm	1,000	

Other dimensions under request.

FCP**CNC PORTABLE 3 AXIS MILLING MACHINE**

The **FCP** portable CNC machine can perform milling, drilling, thread milling and boring operations. Thanks to its compact design and head movement can reach the most inaccessible places.

Machine designed for:

- Energy sector
- Various machining.

Other possible applications:

- Stud removal.
- Small 3 axis interpolation machinings.

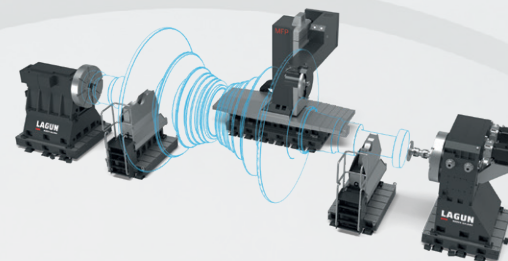
PORTABLE 3 AXIS MILLING MACHINE

		FCP 22	FCP 44	FCP customized
Traverses				w
Longitudinal - X AXIS	mm	205	400	Customized
Cross - Y AXIS	mm	205	400	Customized
Vertical - Z AXIS	mm	430	500	2,000
Spindle head				
· Power	kW	8-15		
· Spindle taper	-	HSK 63		
· Speed range	r.p.m.	2,000		

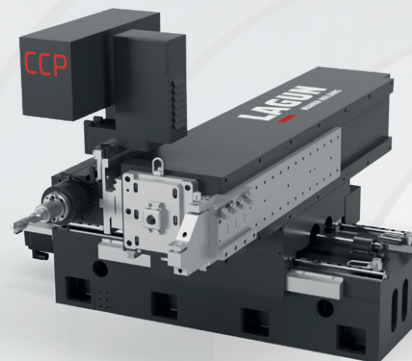
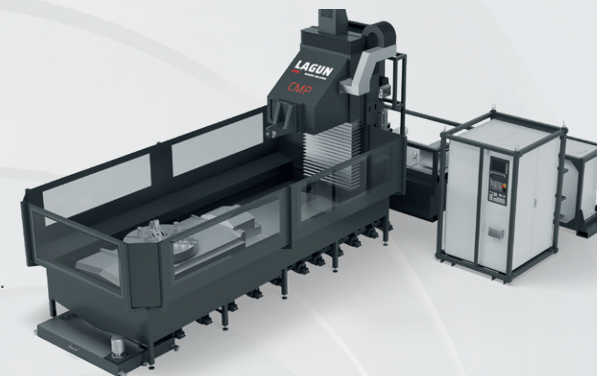
Other dimensions under request.

FMP**CNC PORTABLE MULTIPROCESS MILLING MACHINE**

- Turning, milling and grinding.
- Application: turbine shafts.

**CMP****CNC PORTABLE DISC MACHINING CENTER**

- Grinding.
- Application: hirth coupling grinding.

**CCP****CNC PORTABLE CROSS SLIDE**

- Multiple application depending on accessories as turning slide or milling machine.
- Could work in horizontal or vertical position.

INDUSTRIES



Lagun Machine Tools S.L.
Bazterretxe Auzoa, 4
20720 Azkoitia - Gipuzkoa (Spain)

Tel: (+34) 943 840 066
sales@lagunmt.com

www.lagunmt.com
www.maherholding.es

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