### GRUPO C LANMAR

www.grupolanmar.com.br

#### Lanmar Group

With over 50 years of experience, the Lanmar Group offers solutions in precision machining and thermoplastic injection, combining technology, quality and innovation, using Lean Manufacturing as the guiding principle of its processes.



#### Precision Machining Unit

Founded in 1973 with operations in Precision Machining, Waterjet Cutting, Mechanical Assembly, and Industrial Boilermaking, the Lanmar business unit is located in Hortolândia, São Paulo, 115 km from the capital. A 100% Brazilian company, certified ISO 9001 and AS 9100, it operates in the Aerospace, Oil & Gas and Automotive segments.



## Precision Machining Unit Customers







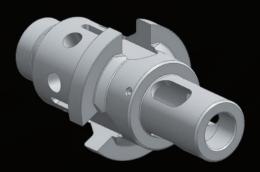






### Precision Machining Unit

#### Oil & Gas Parts



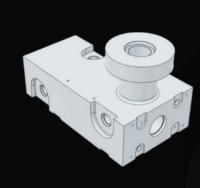
**MAIN BODY STAR** 



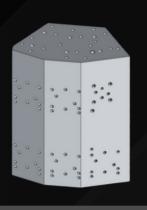
**ORIENTATION SPOOL** 



SEAL



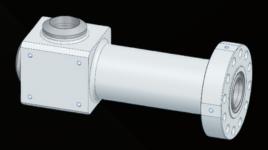
SIDE BLOCK



**VALVE MANIFOLD** 



**BLOCK ELBOW BODY** 



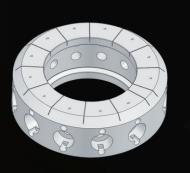
**BLOCK THE BODY** 



**SEGMENTED RING** 



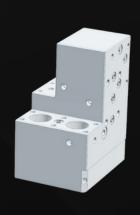
CONECTOR



**CLAMP BODY** 



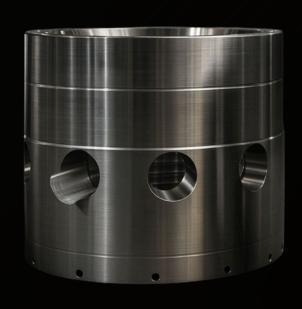
**TUBING HEAD** 



MANIFOLD BLOCK

# Precision Machining Unit Oil & Gas Parts





















## Precision Machining Unit Machine Park

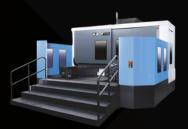
ТҮРЕ	QTY.		BRAND / MODEL		CAPACITY (mm)
Horizontal Machining Centers	1		Heller H10000		X: 2100   Y:1400   Z:1400
	1		Kitamura HX500i - Duplo Pallet		870 x 710 x 660
Vertical Machining Centers	1		Doosan - HM 1250W - Duplo Pallet		X: 2100   Y:1400   Z:1400
	1		Mazak VTC - 200C		1950 x 510 x 510
	1		Mazak VCN - 510C - High Speed		1050 x 510 x 510
Multitasking	1		Mazak Integrex E-RAMTEC V/10		Ø 2000 x 1200
	1		Mazak Integrex E-1060 V/8		Ø 1400 x 1200
	1		Mazak Integrex I630 V/6		Ø 800 x 1000
	2		Mazak Integrex I-200		Ø 668 x 1000 - Between end
Boring Machines	1		Cutmax 3PT		4000 x 2500 x 900 x 2000
	3		Cutmax 2TT		1800 x 1700 x 1500
Tornos Verticais	1		TWTV 2000 Wotan		Ø 2000
	1		TWTV 1300 Wotan		Ø 1300
Vertical Lathes	1		Multiplic 60A		Ø 700 - Car   Ø 1100 - Bed
	4		CNC Index GU 1500		Ø 500 x 1500
Coordinate Measuring Machine	1		Dea Global		1200 x 3000 x 1000
	1		Mitutoyo		450 x 500 x 1000
	1	X	Mitutoyo	X	500 x 600 x 1000
Dimensional Measuring Arm	1	X	Mitutoyo		Ø 2800



Heller H10000



Grob G550



Doosan - HM 1250W



Integrex E-RAMTEC V/10

ТУРЕ	QTY.		BRAND / MODEL	CAPACITY (mm)
Vertical Machining Centers	1		Mazak VTC - 200C	1950 x 510 x 510
	1	X	Mazak VCN - 510C - High Speed	1050 x 510 x 510
	8		Romi Discovery 760	760 x 500 x 400
	4		Romi Discovery 1250	1200 x 600 x 600
	2		Romi Discovery 1250	1270 x 610 x 640
	2		Bridgport (Panmachine)	1020 x 540 x 540
	8		Romi D800	800 x 530 x 580
Horizontal Machining Centers	2		Grob G550	800 x 950 x 1020
	4		Grob G350	600 x 857 x 835
Horizontal Lathes	2		Index GU 800	Ø 400 x 800
	7		Index MC200	Ø 275 x 385
	2		Index MC400	Ø 275 x 585
	3		Multiplic 60A	Ø 700 (Carro) x 1100 (Barr.)
	2		Mazak QTS 200	Ø 280 x Ø 200
Erosion	1		Fanuc Robocut CX-C600iB	600 x 400 x 300
	1		Chamilles Roboform 40	700 x 500 x 400
	1		Infresa Compact 2 Orbital	300 x 200 x 250
Grinding	$\overline{1}$	)(	Ferdimat CA51E	304 x 76 x 38 x 500
Folder	1		Newton	1500 x 100 x 6
Water Jet Cuts	2	X	Jet Edge	3800 x 1800 x 100
	1	X	Jet Edge	750 x 1200 x 100

### Thermoplastic Injection Unit

Founded in 1995 with operations in the thermoplastic injection molding segment, the Planmar business unit is located in Sumaré, São Paulo, 115 km from the capital. A 100% Brazilian company, certified to ISO 9001, IATF 16949, and ISO 14001, it operates in the automotive and home appliances segments.



### Thermoplastic Injection Unit Customers













Whirlzool

## Thermoplastic Injection Unit Parts

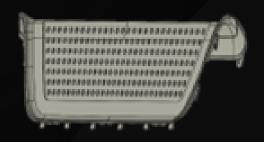


**FLOOR** 





CENTRAL MUDGUARD



BUMPER CENTER TREAD



**BUMPER SIDE TREAD** 



PLASTIC REARVIEW MIRROR PROTECTOR



AIR DUCT Bi-injeção



CLADDING



AIR DUCT



WATER RESERVOIR

#### Contacts



#### **Precision Machining Unit**

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### GRUPO LANMAR

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**Lanmar Unit** 





**Planmar Unit** 

