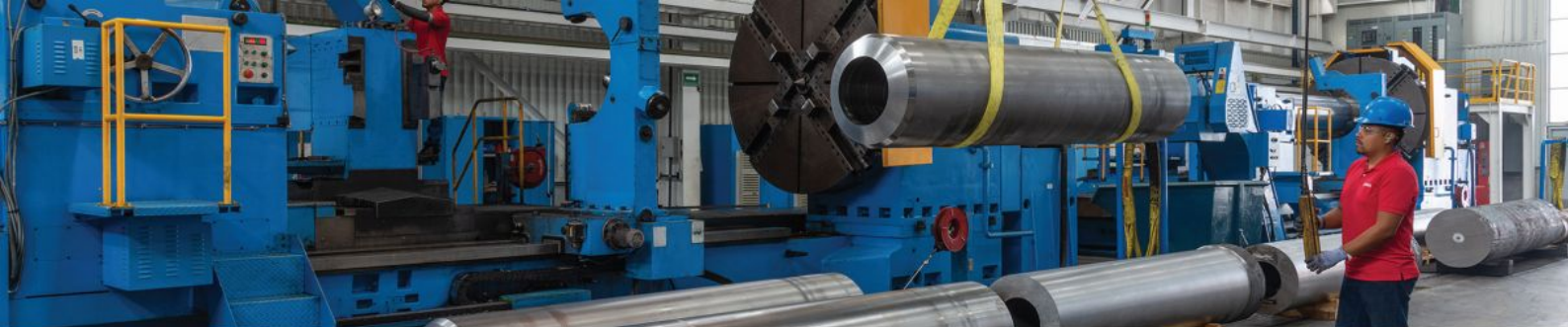


# **MACHINE SHOP CAPABILITIES**



Full range of in-house  
rough and complex machining.



	MAXIMUM OUTSIDE DIAMETER		MAXIMUM HEIGHT/LENGTH		MAXIMUM WIDTH		MAXIMUM WEIGHT		MINIMUM SURFACE FINISH	
	in	mm	in	mm	in	mm	lb	kg	RMS	µm
Vertical Turning	315	8,000	157	4,000	————	————	55,000	25,000	63	1.6
Horizontal Turning	79	2,000	315	8,000	————	————	88,000	40,000	63	1.6
Flange Drilling	220	5,600	15	380	————	————	22,000	10,000	125	3.2
Milling	197	5,000	100	2,540	100	2,540	110,000	50,000	125	3.2

## COMPLEX MACHINING

	MAXIMUM OUTSIDE DIAMETER		MAXIMUM HEIGHT/LENGTH		MAXIMUM WEIGHT		MINIMUM SURFACE FINISH	
	in	mm	in	mm	lb	kg	RMS	µm
Vertical Turning	126	3,200	70	1,800	11,000	5,000	32	0.8
Horizontal Turning	40	1,000	40	1,000	4,000	1,800	32	0.8
C Axis Milling	126	3,200	70	1,800	11,000	5,000	64	1.6
5 Axis Milling	47	1,200	23	590	660	300	32	0.8

- Turning up to 130" (3.3 m)
- 3/4/5 Axis milling up to 78" (2 m)
- Tolerances +/- .001" (.0254 mm)
- Manual assembly

# MACHINING

We have the latest CNC technology for rough and complex machining. Our staff provides cost-effective solutions with high quality standards.

## ROUGH MACHINING

	MAXIMUM OUTSIDE DIAMETER		MAXIMUM HEIGHT/LENGTH		MAXIMUM WEIGHT		MINIMUM SURFACE FINISH	
	Aero	in	mm	in	mm	lb	kg	RMS
Vertical Turning	122	3,100	94	2,400	11,000	5,000	63	1.6
Horizontal Turning	18	457	79	2,000	2,200	1,000	63	1.6

## COMPLEX MACHINING

	MAXIMUM OUTSIDE DIAMETER		MAXIMUM HEIGHT/LENGTH		MAXIMUM WEIGHT		MINIMUM SURFACE FINISH	
	Precision	in	mm	in	mm	lb	kg	RMS
Vertical Turning	126	3,200	70	1,800	11,000	5,000	32	0.8
Horizontal Turning	40	1,000	40	1,000	4,000	1,800	32	0.8
C Axis Milling	126	3,200	70	1,800	11,000	5,000	64	1.6
5 Axis Milling	47	1,000	23	590	660	300	32	0.8

