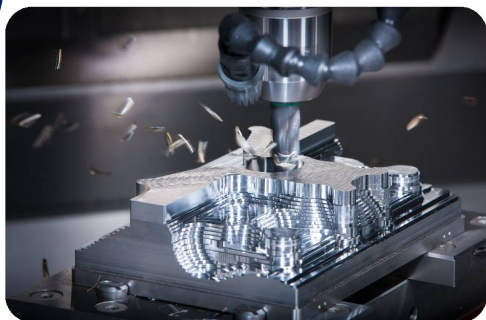


PROGRESSIVE INDUSTRIES

Chennai, India

Smart Solutions in Precision Machining



KEY DATA ABOUT THE COMPANY



ABOUT US

Contract manufacturing industry specialized in the manufacture of non-ferrous precision machined parts



LOCATION

Module - 44,45 & 48, SDF III, MEPZ, SEZ, Tambaram, Chennai – 600 045, India.

Accessibility: 8 Kms from Chennai International Airport



AREA

- Unit 1 (Module 44&45): 646 Sq.mtr
- Unit 2 (Module 48): 323 Sq.mtr



SALES

- FY 24-25 - \$ 1M
TARGET - FY 25-26 - \$1.2 M



MEMBERSHIPS

- EEPCC – **E**ngineering **E**xport **P**romotion **C**ouncil
- IACC – **I**ndo-**A**merican **C**hamber of **C**ommerce
- IGCC – **I**ndo-**G**erman **C**hamber of **C**ommerce



BUSINESS SECTOR

- RF/MF Wireless communication
- Industrial Automation
- Aerospace & Defense
- LED Lighting



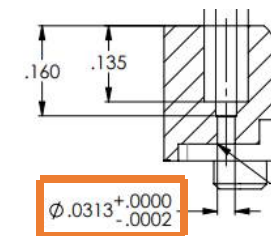
NO OF EMPLOYEES: 20+19



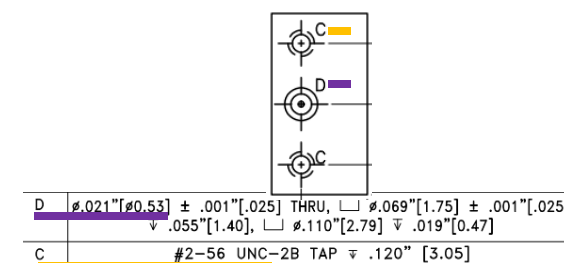
EXPORT SHARE: 95%

KEY STRENGTHS

- Precision machining achieved in Aluminium & Brass
 - Linear dimensions up to $\pm 12\mu\text{m}$
 - Hole diameter up to $\pm 5\mu\text{m}$
- Machining strength
 - Fine drills of $\varnothing 0.5 \text{ mm}$
 - Taps of thread sizes: UNF #0-80, UNF #1-72, **UNC #2-56**
- Achieved surface roughness in machining: $R_a = 0.2-0.4\mu\text{m}$
- Capability of handling large varieties of products in small and medium batch quantities.
- Inhouse fixture design & development.
- Design special extrusions in Aluminium & Brass as per requirement.
- Expertise in Electroplating & Powder coating on non-ferrous machined parts.
- We develop 7 to 10 new products for our customers each month. Developed 350+ new products in 2021, 2022, 2023 & 2024



Hole dia precision achieved



**Machining strength
Fine drills & Taps**

CAPABILITIES

- **Raw Material:** Extrusions & Rolled sections in Brass & Aluminum (Sourcing - Castings & Forgings)
- **Machining:** CNC 4th Axes Machining, CNC 2 axis High-speed Turning, Drilling, Tapping, Deburring, Vibro- polishing, Abrasive grinding, Sheet metal processing, profile machining, bending, riveting inserts.
- **Surface Coating:** Gold, Silver, Nickle, Anodizing & Powder coating.
- **Surface Treatment:** Conversion coatings, Bead blasting & Brush finish.
- **Surface Marking:** Silk screen printing, Laser marking.

FACILITIES

CNC MACHINES				
S.NO	MAKE & MODEL	YEAR	SPECIFICATION	QTY
1	BROTHER TC-2SA - MPC	2005	10000 RPM, 14 ATC - X:400; Y:300, Z:300 MANUAL PALLET CHANGER	2 UNITS
2	BROTHER SPEEDIO S300X1	2016	10000 RPM, 14 ATC - X:300; Y:400; Z:300 YUKIWA - 4 TH AXES	2 UNITS
3	BROTHER SPEEDIO S300X1	2020	16000 RPM, 14 ATC - X:300; Y:400; Z:300 YUKIWA - 4 TH AXES	2 UNITS
4	COSMOS MT 460 AKIRA SEIKI	2022	12000 RPM, 21 ATC – X:460; Y:320; Z:300 NIKKEN – 4 TH AXES	2 UNITS
5	BROTHER TC 20B	2012	30000 RPM, 16 ATC - X:200; Y:200; Z:250	2 UNITS
6	ACE MICROMATIC APOLLO-HIGH SPEED	2025	6000 RPM, 8 TOOL TURRET, X-114, Z-224 BAR FEED CAPACITY = 25 MM MAX	1 UNIT



FACILITIES

CONVENTIONAL MACHINES			
S.NO	MAKE & MODEL	SPECIFICATION	QTY
1	EIFCO - BENCH DRILLING M/C	2825 RPM/2080 RPM, CAPACITY 13 MM	4 UNITS
2	PREWO – TAPPING	1340 RPM, CAPACITY 12 MM	2 UNITS
3	POWERMATIC - TAPPING	1680 RPM, CAPACITY 6 MM	1 UNIT
4	AEM ABRASIVE BELT GRINDER	36" WIDTH CONVEYOR BED BED SIZE 1M X 1M, BELT SPEED 1080 RPM	1 UNIT
5	GRINDMASTER - ABRASIVE BELT GRINDER	6" WIDTH, SHUTTLE TABLE 220 X 500, SPEED 1400 RPM, FEED 1800MM/MIN	1 UNIT
6	TABLE TOP ABRASIVE BELT GRINDER	6" WIDTH – 1350 RPM	3 UNITS
7	KMT- VELOX 350 AF-E	AUTO CUT TO SIZE CIRCULAR SAW, MAX CUTTER DIA – 350 MM	1 UNIT
8	JAI BAND SAW – J 540	2 HP POWER, 1440 RPM WORK TABLE 535 X 585 MM	1 UNIT
9	PARTS WASHING MACHINE	PRESSURE WASHER	1 UNIT
10	MGEEYEM - BENCH GRINDER	2880 RPM	1 UNIT
11	EIFCO – PILLER DRILLING M/C	680 RPM, CAPACITY – 38 MM	1 UNIT

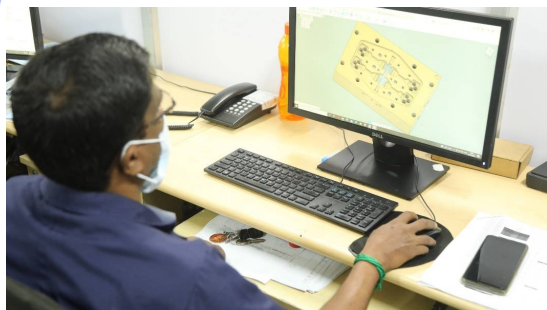
FACILITIES

SUPPORT MACHINES			
S.NO	MAKE & MODEL	SPECIFICATION	QTY
1	ATLAS CAPCO AIR COMPRESSOR	G11FF 7.5 CFM – MAX FINAL PRESS BAR – 7.25 BAR	3 UNITS
2	CARRIER A/C PLANT	DUCTED 11 TR	3 UNITS
3	MERCURY HYDRA PNU PRESS	CAPACITY – 10 TONS	1 UNIT
4	WAVEULTRA – ULTRASONIC CLEANING M/C WITH HEATER	TANK SIZE – 400 X 700 MM - 1 UNIT TANK SIZE – 250 X 150 MM – 3 UNITS	4 UNITS
5	VIBRO DEBURR	TROUGH & TUB TYPE	2 UNITS
6	GEMP PACK - SHRINK WRAP	AUTOMATIC SHRINK WRAPPER	1 UNIT
7	CONSUL SERVO STABILZER	100 KW	2 UNITS
8	PRESSURE VESSEL	500 LITRES – 2 UNITS, 1000 LITRES – 1 UNIT	3 UNITS
9	SLTL LASER MARKING M/C – AKSHAR FIBER PRO	30 WATTS, BED SIZE – 150 X 150 MM	1 UNIT
10	CUMMINS GENSET	62.5 KVA	1 UNIT

FACILITIES

QUALITY CONTROL EQUIPMENTS			
S.NO	MAKE & MODEL	SPECIFICATION	QTY
1	ELECTRONICA – 1. INSPECVISTA 2. I PRIMA 3020 CNC	BED SIZE X300, Y200, Z200	2 UNITS
2	GMT - GRANITE SURFACE PLATE	SIZE – 800 X 500 X 90 MM	3 UNITS
3	HEIGHT GAUGE 1. MITUTOYA 2. INSIZE	SIZE – 600 MM	2 UNITS
4	RENISHAW TOOL SENSOR	TOOL OFFSET & BREAKAGE SENSING	8 UNITS
5	SLIP GAUGES	0.50 – 100 MM	1 SET
6	PIN GAUGES	0.50 – 4.00 MM – INCREMENT 0.01 1.00 – 10.00 MM – INCREMENT 0.02 1.00 - 4.10 MM – INCREMENT 0.02	1 SET 1 SET 1 SET
7	MITUTOYO DIGITAL VERNIERS	SIZE – 200 MM	12 UNITS
8	WEIGHING SCALE	CAPACITY – 300 KGS – LC 1 GRAM	1 UNIT
9	WEIGHING SCALE	CAPACITY – 320 GRAMS – LC 0.01 MG	1 UNIT

FEW PICTURES OF FACILITIES



CAD / CAM



DIGITAL MEASUREMENTS



FINAL INSPECTION



DRILLING/TAPPING



SHOP FLOOR



DEBURRING

ZERTIFIKAT • CERTIFICATE • 證書 • CERTIFICADO • CERTIFICAT



CERTIFICATE

Certificate Registration No: 951 16 7178

**The Certification Body of
TÜV SÜD AMERICA INC.**

Certifies that the organization

Progressive Industries
NO.44, 45 & 48, SDF III, Phase II, MEPZ-SEZ, Tambaram
Chennai, Tamilnadu, 600045 India

for the scope

Manufacture of Machined Metal and Plastic Components

has established and applies a Quality Management System.
An audit was performed and has furnished proof that the requirements according to

ISO 9001:2015

are fulfilled.

The certificate is valid from June 8, 2022 until June 7, 2025
With a re-issue date on August 14, 2024



Michael Fernald
Head of Central Certification Body





TÜV SÜD America Inc. • 401 Edgewater Place, Suite 500 • Wakefield, MA 01880 USA • www.TUVSUD.com

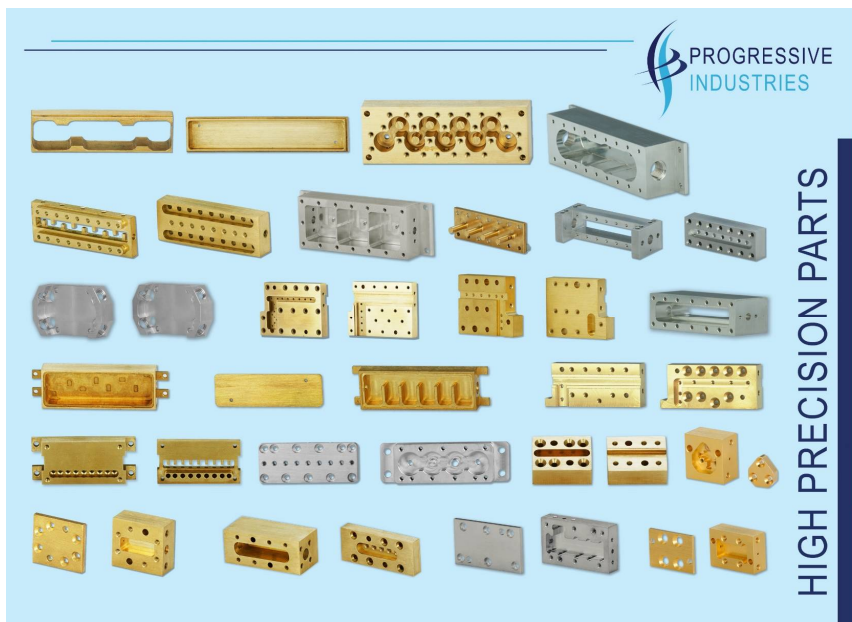
The validity of this certificate is contingent on the company maintaining its management system to the requirements of the indicated standard and is subject to regular monitoring by TÜV SÜD America.

TUV®

- Certification: ISO 9001:2015

PRODUCTS

- ❖ High precision parts such as Splitters, Combiners, Filters etc., catered to RF/MF Wireless communication

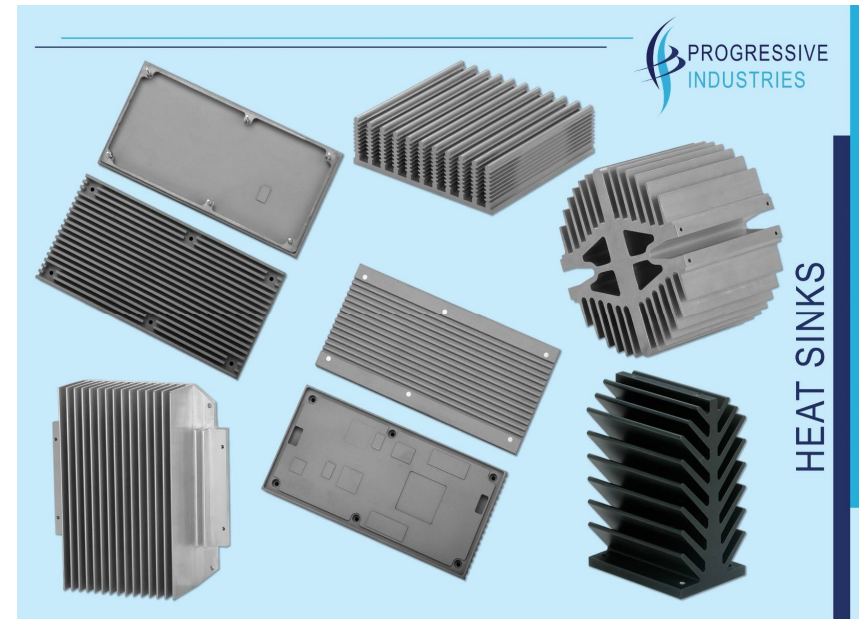
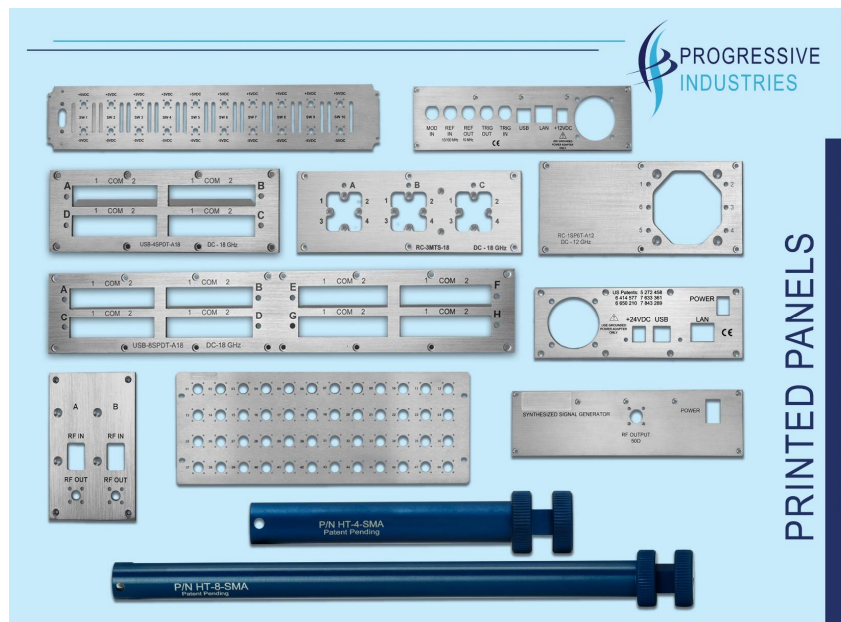


- ❖ Powder coated parts catered to RF/MF Wireless communication & Industrial automation

"Not to scale"

PRODUCTS

- ❖ Screen printed, laser marked panels catered to Wireless communication & Industrial automation

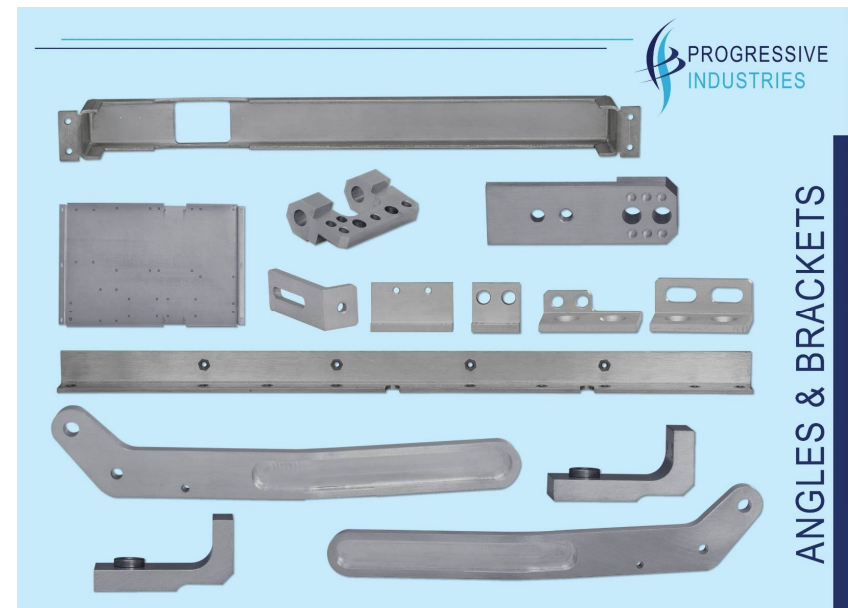
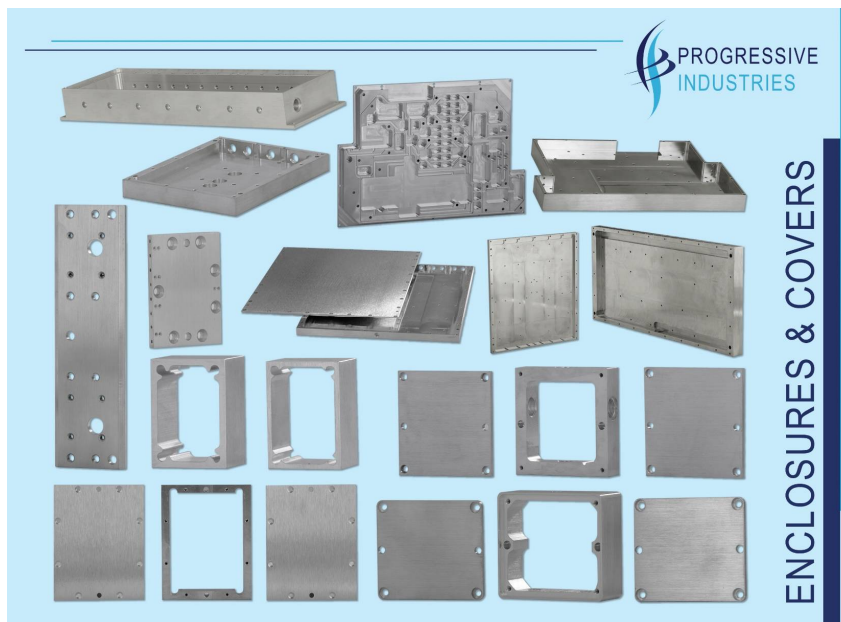


- ❖ Heat sinks catered to LED lighting & Industrial automation

"Not to scale"

PRODUCTS

- ❖ Enclosures & covers catered to Wireless communication & Aerospace



- ❖ Angles & Brackets catered to Industrial automation & LED lighting

"Not to scale"

AWARDS

We have over 25 years of export track record of shipping world class quality parts to the USA.



PLAN FOR NEXT THREE YEARS

- Capital investments to extend our business in the fields of Aerospace & Defence and machine building components.
- Plan for introducing advanced technologies like ultra-thin laser cutting to meet the evolving needs medical/aerospace products while enhancing aesthetics through surface finish and digital printing techniques.
- Explore opportunities for Collaborations and Joint Ventures with overseas established businesses.
- Enlarge customer base.
- Software investments:
 - ERP



CONTACT US

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E: sales@progindmfg.com



Look forward to serving you

www.progressiveindustries.in