PRISENTING PREDITINGATE RANGE OF MORIDICIASS SHEET METAL PRODUCTS engineering works. **EXCELLENCE REWARDS!** 

# one-stop MANUFACTURING services

BESTINGLASS, TOP MOTCH, STATE OF THE ART, COMESTOR, END TO LEND THE LIFE CLYSTON HED. CLAPABLE TRANSPAROPHEN.



#### **VISION**

To become a diversified global enterprise and a centre of excellence in its arena with impetus on sustainability and opportunity.

#### MISSION

We firmly believe in rightfully paying back to society what it deserves by our unstinting efforts in delivering a socio-commercial brand rendered with a technological face, embodying top-notch products that sustain and nurture the industry and the society at large.

Born in the year 2002 out of an inspiring dream by P.S. Pushparaj - a technocrat par excellence - Sunbeam, today, is one among the fastest growing Genset OEMs in India that promises an exciting future for the country. By offering customised solutions for the prime and the standby power segments, Sunbeam is a cut above the rest as a professional one-stop corporate house to answer all of your power needs. And today, the Company has diversified into related verticals by manufacturing customised Sheet Metal products that are used in various industrial engineering facets. With a 5-year Contract Manufacturing Agreement (2008-2012) with Doosan Infracore - a Fortune 500 Enterprise, Sunbeam stamped its class of excellence in the Contract Manufacturing arena to produce Compressors and Light Source Equipment suited for specialised applications. In the year 2015, Sunbeam entered into a Contract Manufacturing Agreement with Greaves Cotton Ltd. for Manufacturing Concrete Equipment and, is successfully rolling out multifarious products for the core infrastructure segment.



#### **CORE VALUES**

We at Sunbeam firmly believe in core values and ensure going the extra mile in standing by them. Team Sunbeam has imbibed these values in order that this provides every member with a platform to shine in any field that they venture into.



Hard WORK and Smart WORK in the right direction



To achieve and outperform with dedicated commitment



Never say Never Attitude. Ability to WIN over difficult situations

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#### **DESIGN**

At the heart of it all!

Sunbeam's world-class design capability perfectly leverages to your advantage in customising the most challenging of component design.

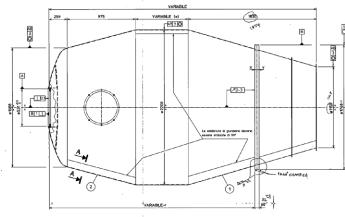
- ➡ Full-fledged design/development team, equipped with best-in-class design software platforms
- Nesting Tool to achieve optimal raw material utilisation

#### D PROCESS

Redefining length and breadth!

Sunbeam's class-leading 2-D infrastructure features fully automated production lines that run 24 hours a day. Small wonder, no job is too big to execute.

- CNC Laser FO3015 (handles up to 20mm sheet thickness)
- CNC Plasma/Oxy-Fuel Cutting Machine handles up to 12mm thickness (Plasma) & up to 100mm(OxyFuel)
- CNC Turret Punch EM2510NT with ASR48M (handles up to 3mm sheet thickness)
- CNC Turret Punch [Accute] ACC255NT (handles up to 3mm sheet thickness)
- Profile Cutting Machine (handles up to 100mm) sheet thickness)









## **3-D PROCESS**Going in-depth!

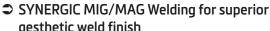
Sunbeam's 3-D infrastructure ideally complements the 2-D process with the right blend of infrastructure to complete the integrated production line.

- CNC Press Brake HDS1303 (handles up to 8mm sheet thickness; max. bending length: 3m)
- CNC Press Brake EMP110 (handles up to 8mm sheet thickness; max. bending length: 3m)
- CNC Press Brake RGM2 3512 (handles up to 4mm sheet thickness; max. bending length: 1.5m)
- Rolling Machine (handles up to 12mm) sheet thickness)



Sunbeam's sheet-metal fabrication line features man and machine at work in tandem, thus resulting in superior finish and strength on joints.

MIG/MAG and TIG Welding as per AWS Standards









## **BLASTING**

Sure-shot quality!

Sunbeam's blasting chambers propel a stream of abrasive material against a surface to ensure surface readiness for consequent stages of finish.

- Grit Blasting and Shot Blasting
- ⇒ Facility handles capacity of up to 1500 sq.ft/day

## PRE-TREATMENT

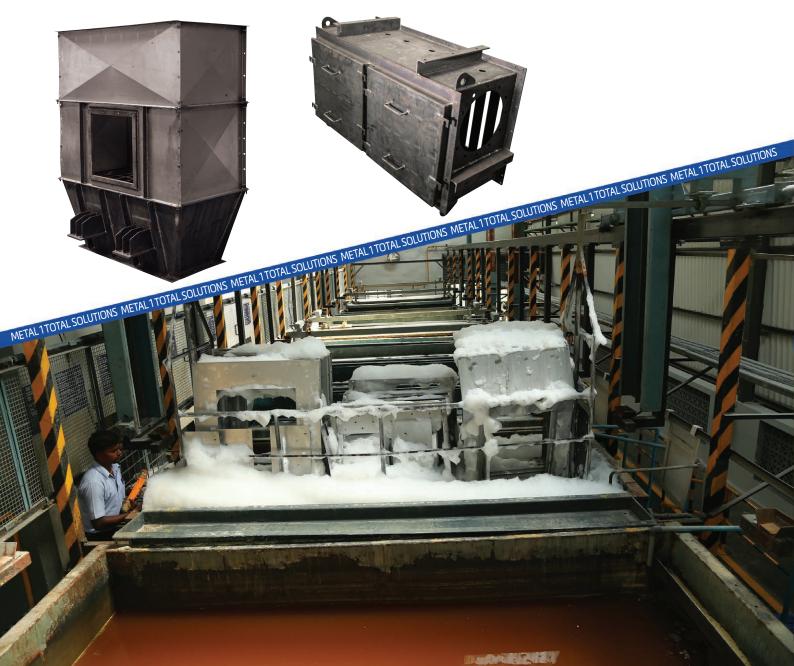
Surface quality assured!

Sunbeam's nine-stage pretreatment process line ensures stringent quality of the metal surface as the first level of finishing, prior to coating.

- ⇒ PLC Controlled 9-Tank Process
- ⇒ Installed Capacity of up to 10000 sq.ft/day
- Combination of Air Agitated, Hot and Cold Processes for fool-proof treatment







## **POWDER COATING**

Lending solidity!

Sunbeam's powder-coating lines comply to requisite manufacturing standards to result in a zero-defect process line.

- ➡ Fully-automated, continuous-operated process
- ⇒ Installed Capacity of up to 10000 sq.ft/day

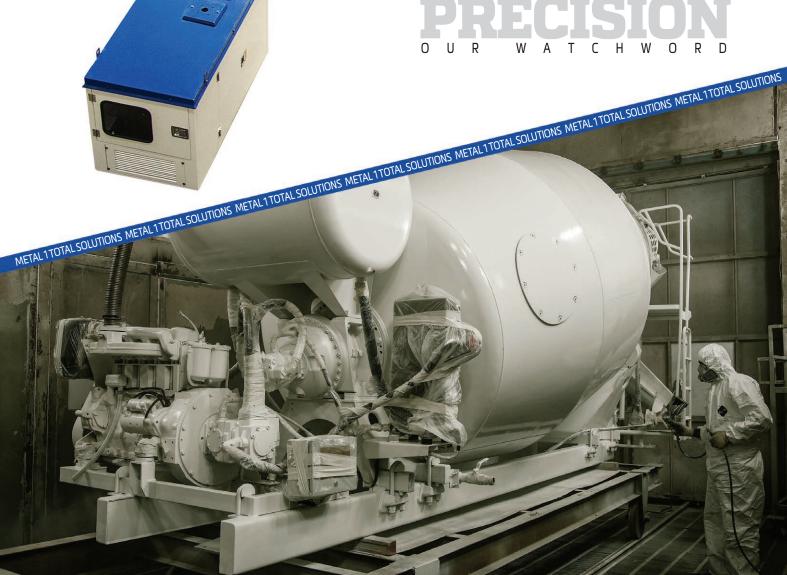
The finishing touch!

Sunbeam's ably-manned painting lines seamlessly integrate with stoving/baking chambers for error-free finish to components... the result - perfect finish.

- State-of-the-art Down Draft, Water-Washed Spray Booth
- ⇒ Installed Capacity of up to 3000 sq.ft/day









## TOTAL DELIGHT

Key Customers







**OUALITY CERTIFICATIONS** 













LASTING RELATIONSHIP

An ISO 9001:2015, ISO 14001 and OHSAS 18001-certified Company

#### Registered Office

Flats 52 & 53, 6th Floor, Victoria Gardens, #20, Inner Ring Road, Koyambedu, Chennai 600 107, INDIA. +91 44 23638188 / 89 projects@metal1.in

#### **Manufacturing Facility**

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