

Images for representation purpose only



years of
endless

#EngineeringPossibilities



Ground
water
recharge



Solar
powered
premises



Natural
lighting



Green
Construction



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Group Entities

SEE Linkages Pvt. Ltd |

ECLIPSE GLOBAL | SEE BuildCon LLP
SEE Foundation



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Core Competencies



R&D



R&D

To proactively and efficiently deliver new products for see & its stakeholders in real time. A dedicated team is available for developing new products and process



ASSEMBLY

Engineering
process
outsourcing

Complex engineering, prototyping, machining, assembly and testing for custom built electromechanical parts and assemblies for engineering industries



EGPL

Glass
insulating

Expansion and extension of eclipse global products and product line in new diversified area of architectures and interiors



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Certifications
over the years



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Partnering your Progress Product Range

A1 – Gas Couplings

Pneumatic Linkages

- Gas Couplings made with special 3 way leak proof sealing and automatic shutoff for both sides.
- Gas Couplings Suited for applications of SF6 Circuit Breaker





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Partnering your Progress Product Range

A2 – Electrical Connectors

Electrical Linkages

- Cylindrical Threaded Coupling
- Connectors as per - JSS 50812/ MIL C 5015
- Suited for military ground support equipment, ordinance & shipboard equipment, power generators, engineering sensors, industrial machinery and other applications.





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Partnering your Progress Product Range

A3 – Ball Joints \ Rod Ends

Mechanical Linkages

- Rod Ends, Ball Joints & Yoke/Clevis made to ISO standards – 12240, DIN 71802, DIN 71752.
- All our products are maintenance free.
- Applicable in automobiles, textile & plastic machinery, farm equipment etc





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Customized Machine Parts

A4 – Customised Machined
Parts



A5 – Customised Electro
Mechanical Assemblies

Customised Electromechanical Assemblies



*Mechanical Actuator
Mechanism Electro Magnetic
Valve Operation
(Oil & Gas Distribution
Industry)*



*Electro Mechanical Actuator
Mechanism for GIS
(Switch Gear – Power
Distribution Industry)*



#EngineeringPossibilities



Building on Benchmarks



- State of the art facility with CNC turning & 5 axis machining capability
- Capacity expansion with centralized machining shop
- Addition of laser marking & hydro testing facilities.
- Warehousing facility in Texas, Houston
- Migration to SAP S/4 HANA
- Temperature /dust controlled work flow assembly area

Current Pool of Machines



CNC – 17

VMC -8

4 Axis – 1

Turn mill - 1

UMC – 1

SPM – 2

Total – 30 Machines **

** As on 31st March'23

Machine Make	Mazak		Hyundai	Haas					LMW	Special Purpose Machines
Machine Type	CNC Turning Centres	4 Axis Machines (With APC)	CNC Turning Centres	CNC Turning Centres	CNC VMC Machines	CNC VMC Machines	CNC UMC Machines	CNC Turnmill Centers	CNC Turning	CNC Polyturn Machines
No Of Machines	12	1	2	1	5	3	1	1	2	2
Distance Between Centers	195-650mm	X560 / Y410 / Z510	195-325mm	521 - 660mm	X508-760 / Y406 / Z508	X760-1270 / Y406-508 / Z508-635	X610 / Y406 / Z406	572mm	262-685mm	100mm
Max.Turning Diameter	130-420mm	-----	248mm	381 - 533mm	-----	-----	-----	298mm	200-460mm	Hex 60mm
Accuracy	0.005-0.01mm	0.01mm	0.01mm	0.010-0.015mm	0.01mm	0.01mm	0.01mm	0.010-0.015mm	0.010-0.015mm	0.05mm
No. of Axis	2 Axis	4 Axis	2 Axis	2 Axis	4 Axis	5 Axis	5 Axis	3 Axis	2 Axis	2 Axis



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Process Support Manufacturing

Internal Processes

Turning Process
Milling/ Drilling
Impact Press upto 3.5 Tonnes
Manual Press 6 tonnes max
Plastic Molding
Rubber Molding
Vacuum Chamber
Laser Marking
Lapping
Honing
Burnishing external and internal

External Processes

Surface Conversion Coatings
Electro Plating
Heat Treatment
Nitriding and Case Hardening
Vacuum Heat treatment
Painting
Climatic Chamber Testing
Mechanical And Chemical Testing
Endurance Testing
Induction Hardening
Welding TIG/MIG
Brazing





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Raw material Grades & Form

Type	Raw Material Grade	Raw Material Form
Stainless Steel	316/316Ti/1.4571/316L/S31603/1.4404/303/1.4305/304/1.4301/S31803/420/1.4021/416/430F/1.4104/X14CrMoS17/420/1.4021/17-4PH/S17400/ 410/X12Cr13/S31803/440B/1.4112/431/1.4057/420F/321/	Round Bar/Flat Bar/ Hex Bar/Square Bar/Pipe/ Plate/Ring/Circle
Carbon Steel / Mild Steel	C45/2062 Gr.B/1010/1018/1020/1040/1045/A106 Gr.B/A105/EN1L/EN1A/4140/G41400/G41300/A516 Gr.70/EN19/EN8/EN8M/EN9/EN24/8620/1045/EN41B/EN31/EN36/EN36A/Cs20MnCr5/1021/C15Mn75/EN10277-3/A36/A696 Gr.C/C35E/S235JR	Round Bar/Flat Bar/Hex Bar/ Square Bar/Pipe/Plate/Ring/ Circle
Non Alloy Structural Steel	S235J2G3/S355J2G3/S355J2+N/S355J2C+C/S355J2/S235JRG2C+C	Flat Bar/Round Bar/ Square Bar/Plate
Special Alloy Steel	Monel 400/N04400/Alloy 20 SB-463 N08020/S32760/Monel 500/SB-446 N06625 Grade 1	Round Bar/Ring/Circle
Aluminium	AL6061/ALHE30WP/AL6082/AL6351/AL6063/AL74530WP/AL2024/AL7075-T651/ASTM B211-A96061-T6511	Round Bar/Flat Bar/Hex Bar/ Square Bar/Pipe/Circle/Ring
Aluminium Bronze	C95400/C62400/CA104/CA103 (C62300)/AB2	Round Bar/Hex Bar/Square Bar
Brass	C36000/CW612N/CuZn39Pb2/CuZn39Pb3/IS 319 Gr.1/IS 319/89/IS 320 Ht1/CZ109 (CW509L)/CuZn40Pb2/CW617N	Round Bar/Flat Bar/Hex Bar/ Square Bar
Copper Alloys	CuCr/Cu-FRHC/Cu/Cu-ETP/Cu UNSC1100 HO4/C14500	Round Bar/Flat Bar/Pipe
Casting	CF8M/CB7CU-1/R30006/CF3M/1.4317/1.4408/A351 Gr. CF8/A216 Gr. WCC/316Ti/CuSn12/17-4PH/SS304/EN 1563 EN-GJS-500-7 (EN-JS1050)	
Forging	S31600/EN 10083-2:2006/C45E+N/1.1191/EN8/ASTM A105/64430WP/16MnCr5	



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Measuring/Inspection/Testing Facilities

Portable CMM (Faro)
3D CMM (Mitutoyo)
Positive Material Identification (PMI gun)
Profile Projector
Surface Roughness Tester (Mitutoyo)
Portable Refractometer
Helium Leak Detector (ASM142 & ASM340)
SF6 Gas Leak Detector
Hydro/Pneumatic Pressure Testing (350 Bar)

Hardness Tester/ Surface Plate/ Digital Microscope/
Endoscope/ pH Meter/ Air Gauges/ Lux Meter/
Hydro Test/ High Voltage Tester (BDV) /
Vernier Callipers/ Micrometers/ Surface Comparators/
Height Gauge/Bore Gauges/ Thread Plug & Ring
Gauges / Snap Gauges/ Plain Plug Gauges/



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**The local company
with a global footprint**



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- Australia • Austria • Brazil
- Bulgaria • China • Czech Republic
- Dubai • France • Germany
- Hungary • India • Italy • Japan
- Malaysia • Mexico • Netherlands
- New Zealand • Romania • Russia
- Saudi Arabia • Singapore • Spain
- Sweden • Switzerland • USA
- Vietnam

★ Warehousing facility



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Our Customers
Our Pride

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Oil & Gas



Engineering



Power Sector



Smart solutions.
Strong relationships.



Automobile Sector



Rail & Transport



Food & Pharma





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