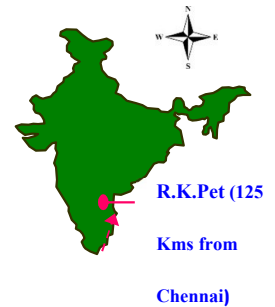


TPM-Special Award 2023



1.0 Organization profile

We, **Real talent Engineering private limited** are an **Auto Parts** manufacturing company in South India. The company initiated manufacturing activities in the year 1998 from the plant located at R.K.Pet, Thiruvallur District, Pincode-631303, Tamilnadu, India. We added two more manufacturing locations in the year 2011 and 2019. All the three locations are adjacent to each other and are near to the customer. We do Machining, Assembly and Cold forming to the processes as per customer drawing. We do not design any product. We only design manufacturing process for machining, forming and assembly. For some of the parts customers supply raw materials, and for some we buy raw materials and supply.



1.1. Our customers

1.1.1 Turbo Energy Private Limited

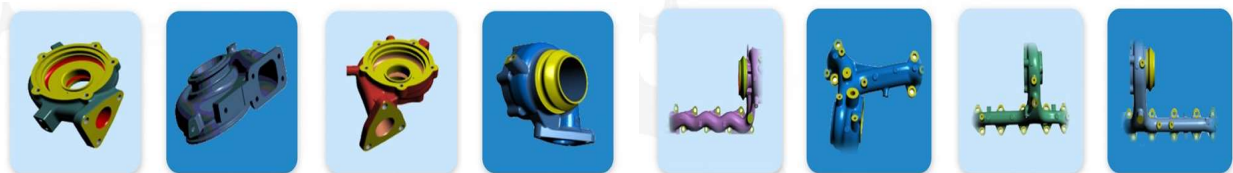
1.1.2 Brakes India Private Limited

1.1.3 ABI Showatech Private Limited

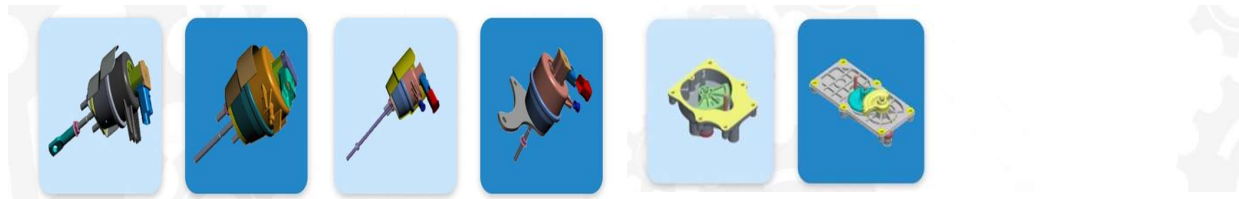
1.1.4 Worth Industries Limited

1.2. Our products

1.2.1 Turbine Housing machining and assembly for Turbo chargers



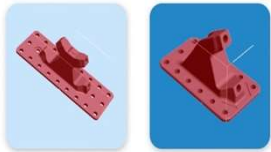
1.2.2 Actuator parts and assembly for Turbo Chargers



1.2.3 Compressor Housing parts for Turbo Chargers



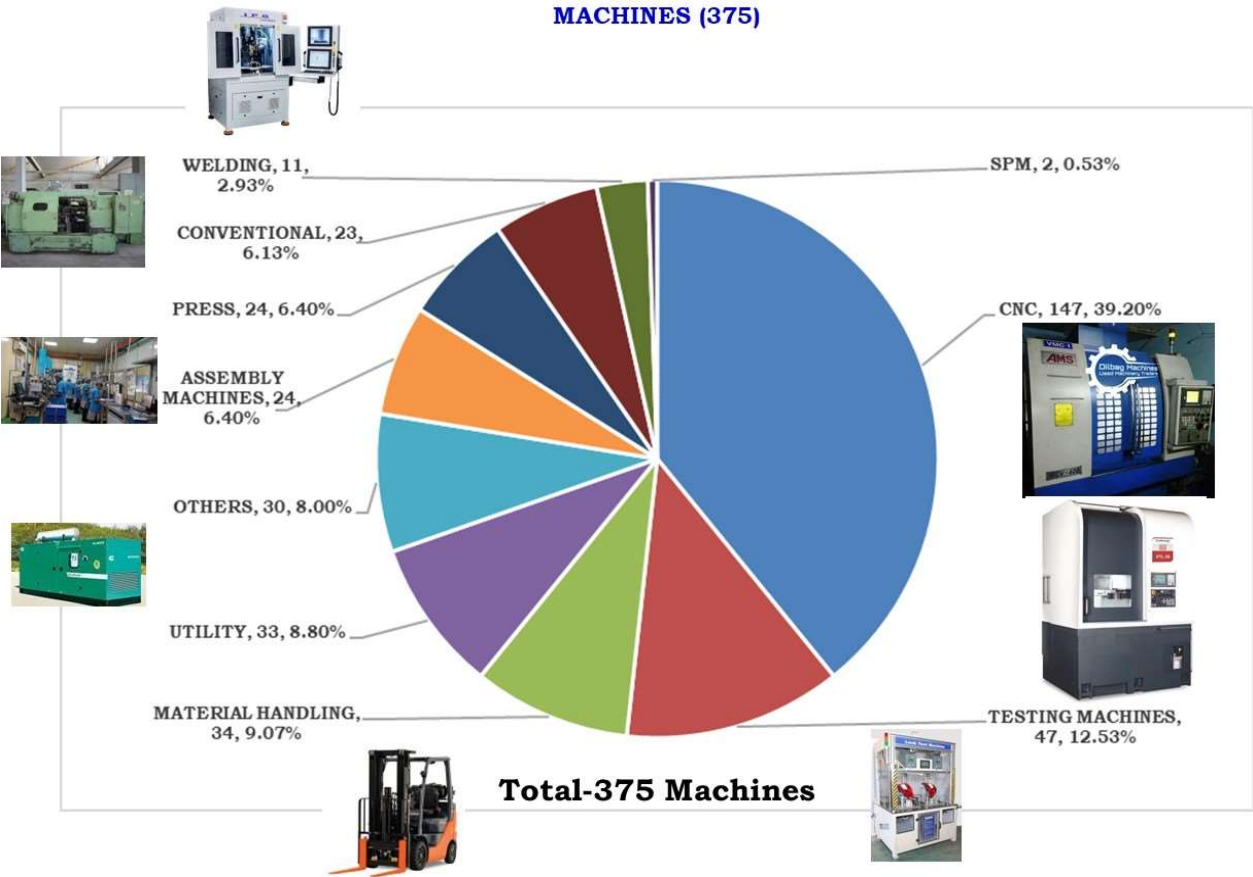
1.2.4 Chassis parts machining for Heavy commercial vehicles



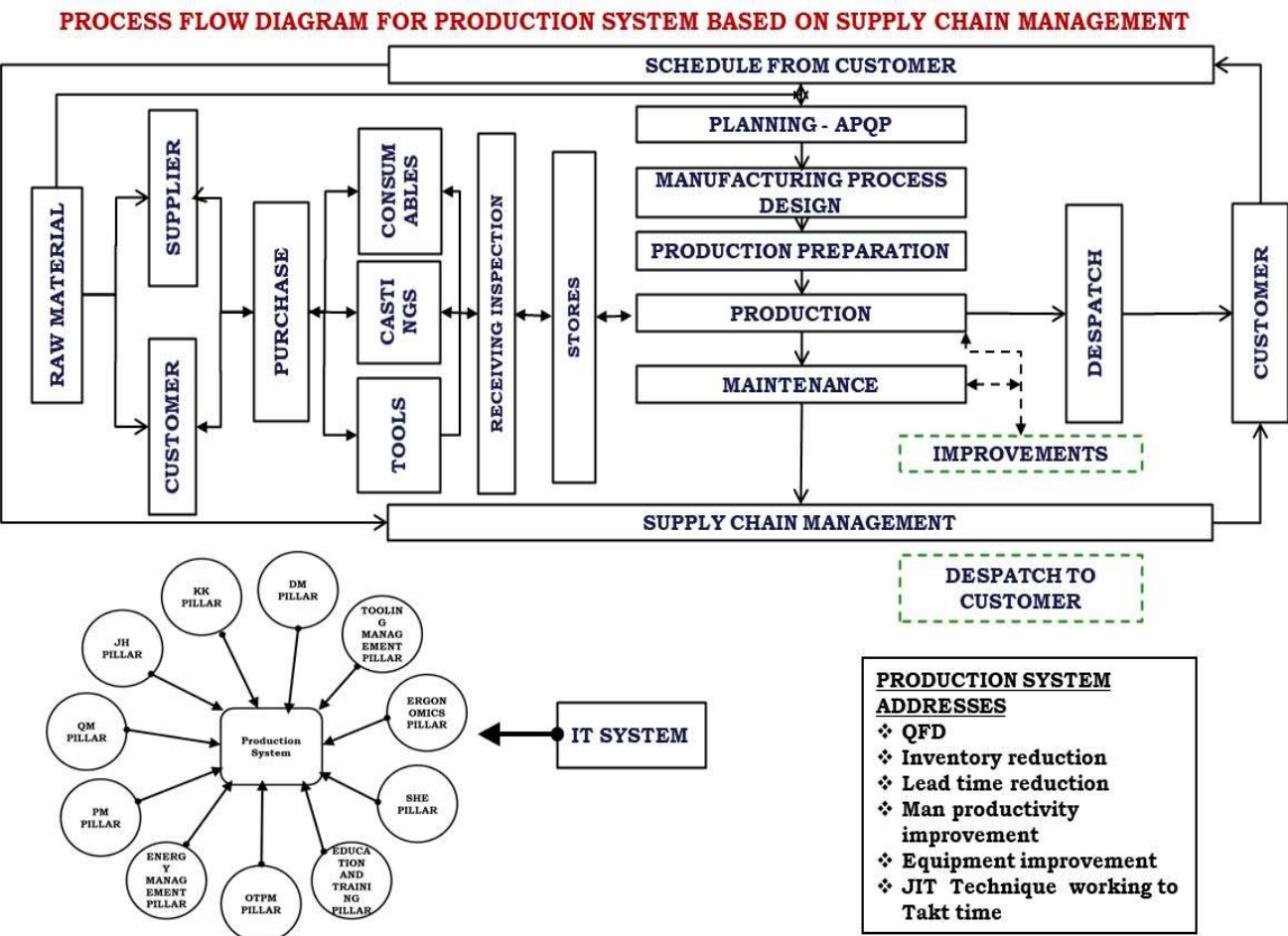
1.2.5 Brake cylinder parts machining for Light and Heavy commercial vehicles



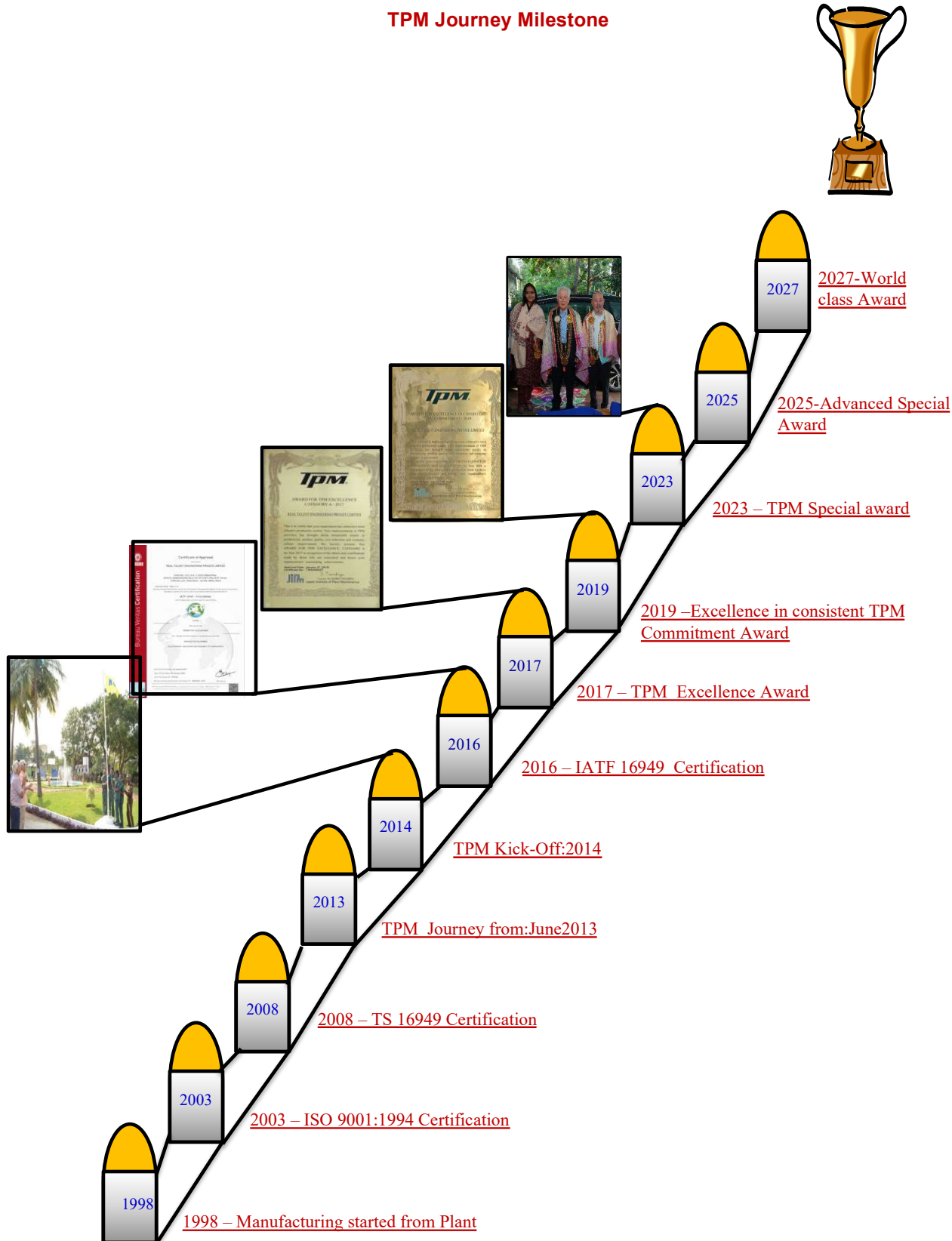
1.3. Machines



1.4. Production systems



2.0 Milestone in Manufacturing



3.0 Benefits realized due to TPM processes

- 3.1 Our Sales have increased year on year steadily. Our customers have encouraged us with more business in existing parts and new parts.
- 3.2 We continue to reduce costs with improvements in various areas, contributing to our bottom line.
- 3.3 Productivity has improved as we work hard on reducing losses, improving the processes, optimizing the cells, and increasing the OLE.
- 3.4 Breakdowns accidents and defects have been eliminated / reduced.
- 3.5 Customer complaints have been eliminated and we are making progress in sustenance.
- 3.6 We have successfully reduced the lead time for establishing new products.
- 3.7 Our on-time delivery to our customers today is very good and our customers are very happy.
- 3.8 Our employee's morale is high and they do many continual improvements. Many of our operators have reached JH Step 7 and are managing their processes and machines on their own. Our attrition levels are also low comparable to the industry.
- 3.9 We follow a structured training program and career progression for all the employees and results are visible.
- 3.10 We have improved employee satisfaction by improving the ergonomics and making it easy for the operators in doing their work.
- 3.11 Environment has been given due attention and we are increasing the greenery all round and improving the carbon footprint.

4.0 TPM Award Assessment Achievement Sheet

2023 TPM Award -Achievement Sheet					
Company	REAL TALENT ENGINEERING PRIVATE LIMITED				
Plant name					
TPM Slogan/Objectives	TPM A WAY OF LIVING				
Year when TPM activity started	2014				
Year of benchmarking	Excellence in consistent TPM commitment award-2019				
Category	Index (Calculation Formula)	Unit	TPM Kick off 2014	Excellence in consistent TPM award-2019	Special award SSA- 2023
S	Number of work-related accidents requiring days off work	Cases/ year	0	0	0
S	Number of work-related accidents not requiring days off work	Cases/ year	0	0	0
P	Productivity for main products	No.of time	1	1.38	1.51
P	OEE (or Overall Plant Efficiency)	In %	80.15	82.79	85.51
P	Number of breakdowns	Occ.in no's/Month	70	78	24
P	MTBF	Hour/month	1916	3061	10161
P	MTTR	Hour/month	31	22.22	2.35
Q	Number of customer complaints	Number/year	15	0	1
Q	In-line defect rate, scrap	%	2	1.8	1.44
Q	In-line defect rate, rework	%	0.46	0.33	0.12
C	Cost index	% of manufacturing cost	52.24	51.66	51.02
D	Initial production Process Lead time Reduction	Days	23	20	13.73
D	Delivery performance	%	93.75	95	98.21
S	Safety index	Accidents per 1,000,000 operator hours	0	0	0
M	Number of Employee kaizen Suggestions	Number/year	335	441	540

5.0 Key to our manufacturing Excellence

5.1 Applying TPM methodology and tools in every work process for improvement.

5.2 Employee's involvement and Empowerment

5.3 Conducted Periodical TPM steering committee review meetings to meet the strategic performance and Business results (KMI).

5.4 Continual improvement

6.0 Future Plan

- 6.1 To move to export Business
- 6.2 To move to product development
- 6.3 To become more price competitive
- 6.4 To work for advanced special award in 2 years period.
- 6.5 To move and become a Tier 1 supplier for OEM's.
- 6.6 Supplier development in TPM.