

ELMECH AUTOMATIONS

COMPANY PROFILE & PRESENTATION TO



WELCOME

COIMBATORE
TAMIL NADU
INDIA





ELMECH
AUTOMATIONS

Machine Building | Assembly Automation Solutions



ELMECH

SBU# 1



ELMECH
AUTOMATIONS

Machine Building | Assembly Automation Solutions

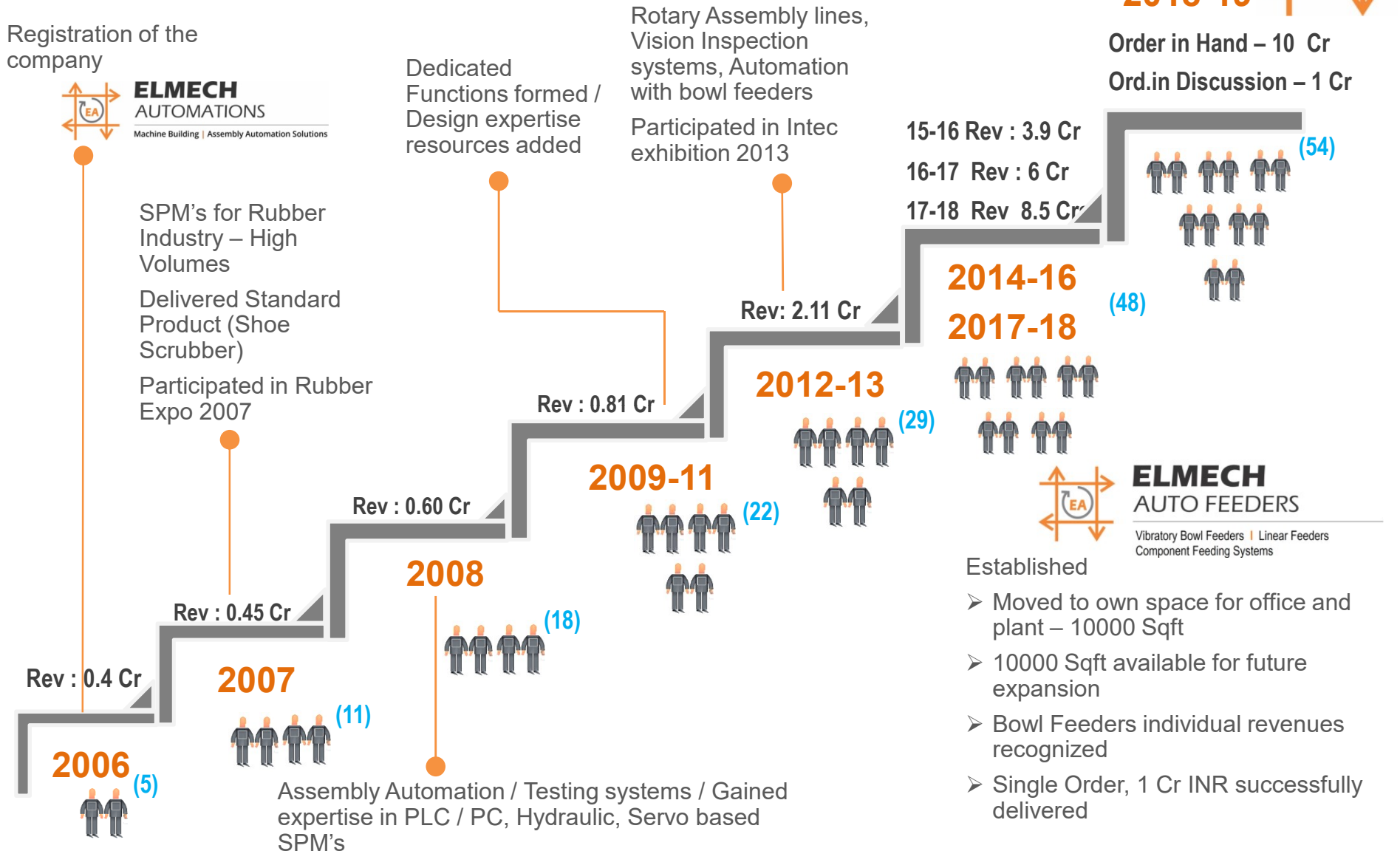
SBU# 2



ELMECH
AUTO FEEDERS

Vibratory Bowl Feeders | Linear Feeders
Component Feeding Systems

EVOLUTION OF ELMECH....



**** 2019-20, Revenue Plan : 15 Crs INR**

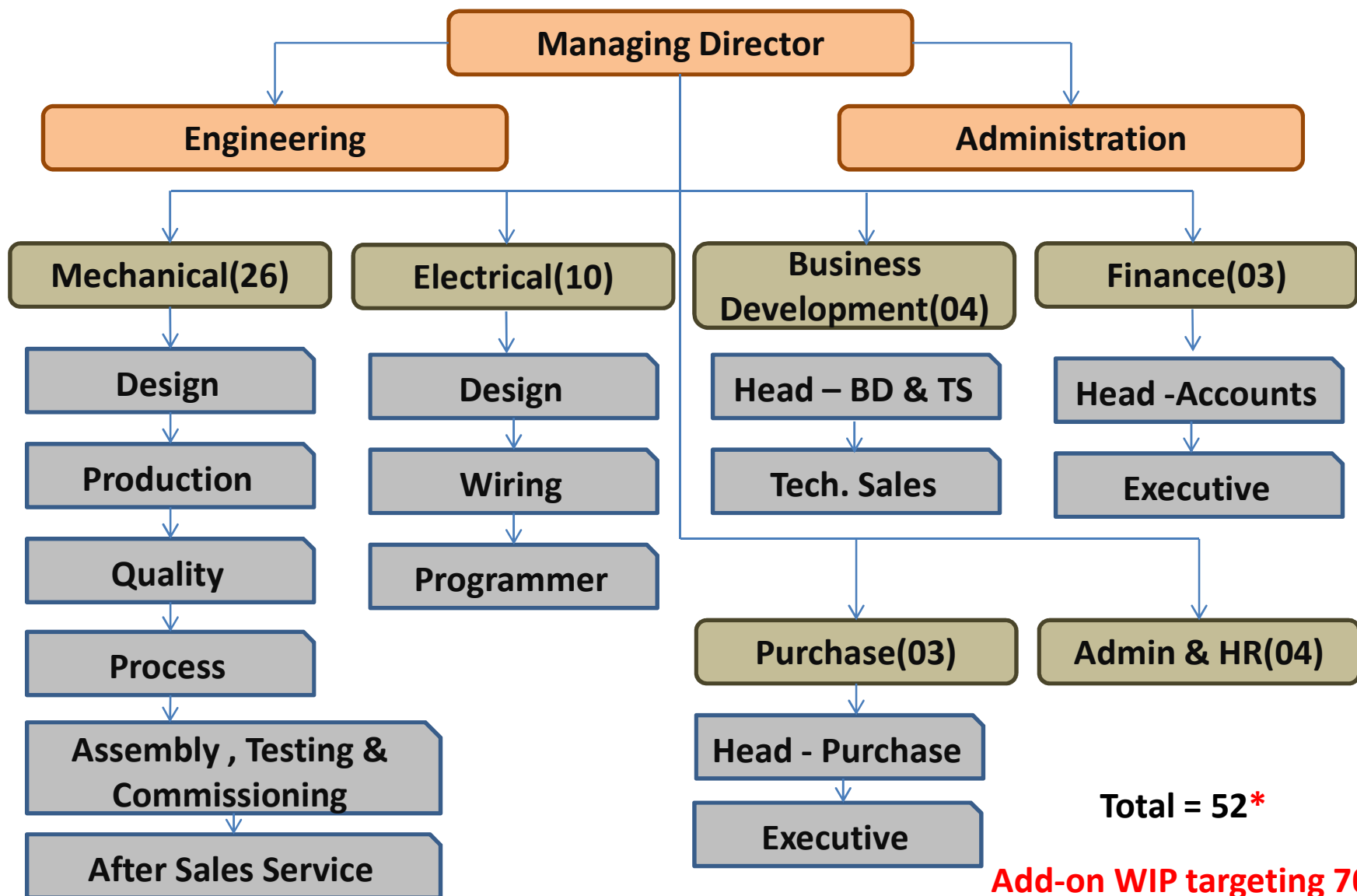


ELMECH
AUTOMATIONS

Machine Building | Assembly Automation Solutions



ORGANISATION STRUCTURE



Total = 52*

Add-on WIP targeting 70

ELMECH AUTOMATIONS

*Providing World-Class
Automation Solutions to Our Customers.....*



- Technical Sales and Business Development
- Design, Control Engineering, Software
- Programming
- Material Procurement
- Vendor Development
- Machine Assembly
- Testing
- Installation & Commissioning
- After Sales & Service Support



50+



ELMECH AUTO FEEDERS

*Component Feeding
Solution Provider.....*

- Proposal Engineer
- Design
- 10 Years experienced Craftsman – Development of Vibratory Bowl Feeders
- Testing & Integration

INFRASTRUCTURE

All Under One Roof.....



DESIGN CENTRE



INFRASTRUCTURE

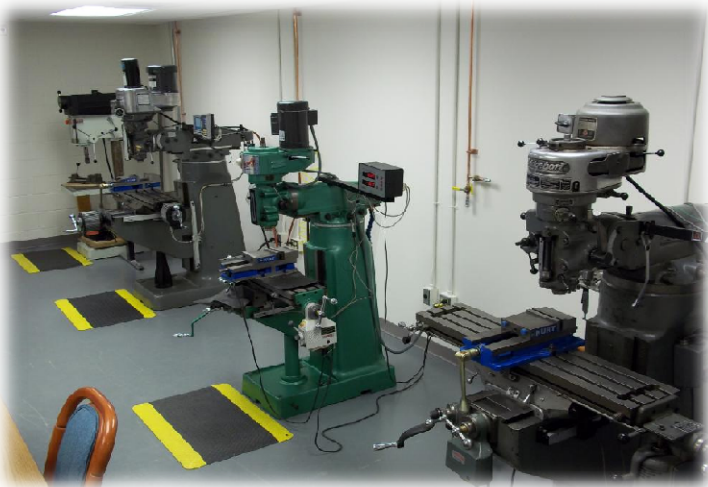
All Under One Roof.....



SHOP FLOOR



QA & QC



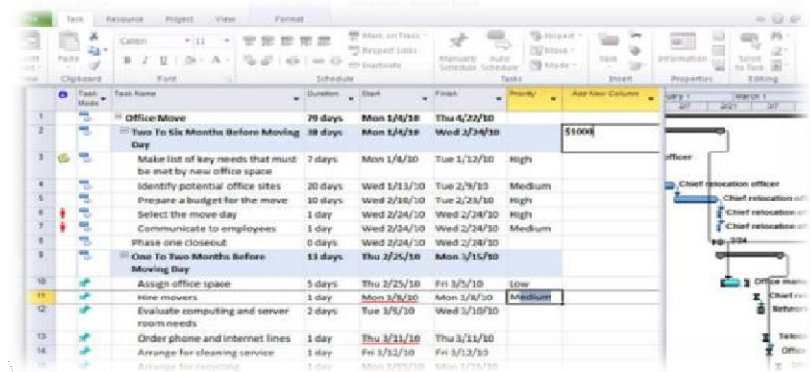
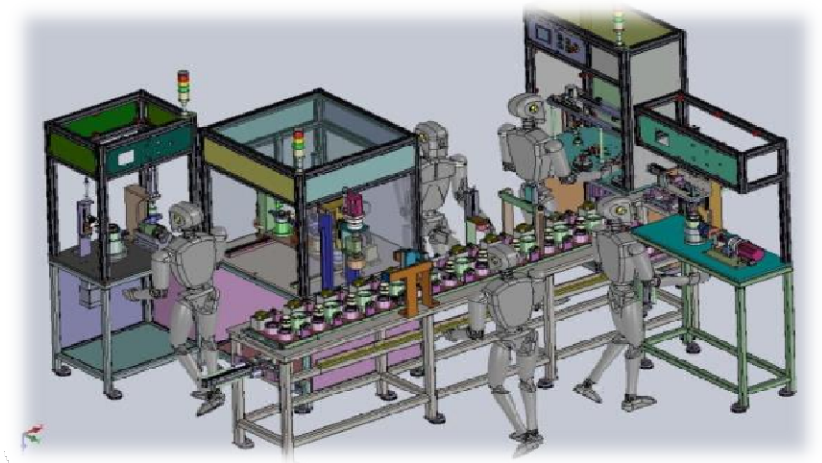
IN-HOUSE MACHINE SHOP



STORES & PURCHASE

DESIGN TOOLS/SOFTWARE

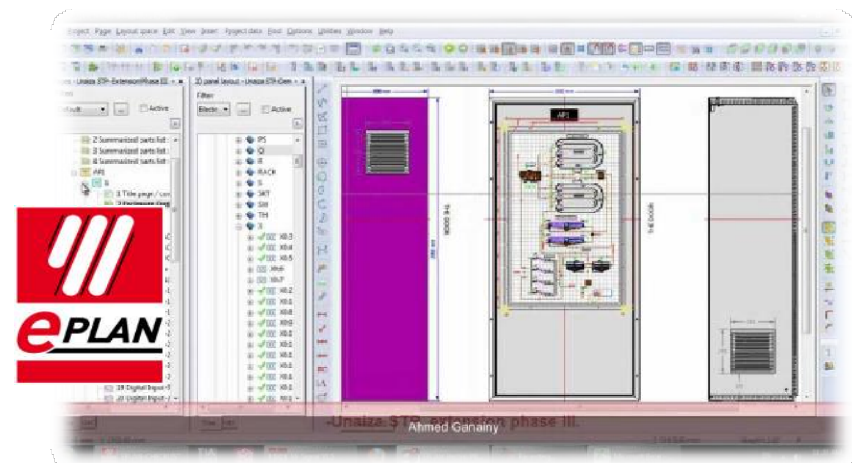
For High Productivity.....



Task	Task Name	Duration	Start	Finish	Priority	Assign New Calendar
1	Office Move	70 days	Mon 1/4/10	Thu 4/22/10		
2	Two To Six Months Before Moving Day	18 days	Mon 1/4/10	Wed 2/24/10		\$1000
3	Make list of key needs that must be met by new office space	7 days	Mon 1/4/10	Tue 1/12/10	High	
4	Identify potential office sites	20 days	Wed 1/13/10	Tue 2/9/10	Medium	
5	Prepare a budget for the move	10 days	Wed 2/3/10	Tue 2/23/10	High	
6	Select the move day	1 day	Wed 2/24/10	Wed 2/24/10	High	
7	Communicate to employees	1 day	Wed 2/24/10	Wed 2/24/10	Medium	
8	Phase one closed	0 days	Wed 2/24/10	Wed 2/24/10		
9	One To Two Months Before Moving Day	13 days	Thu 2/25/10	Mon 3/15/10		
10	Assign office space	5 days	Thu 2/25/10	Fri 3/5/10	Low	
11	Hire movers	1 day	Mon 3/8/10	Mon 3/8/10	Medium	
12	Evaluate computing and server room needs	2 days	Tue 3/9/10	Wed 3/10/10		
13	Order phone and internet lines	1 day	Thu 3/11/10	Thu 3/11/10		
14	Arrange for cleaning service	1 day	Fri 3/12/10	Fri 3/12/10		
15	Arrange for meeting	1 day	Mon 3/15/10	Mon 3/15/10		



Signed with TATA
TECHNOLOGIES for customized
ERP system..... Implementation
FY 19-20



OUR COMPETENCY

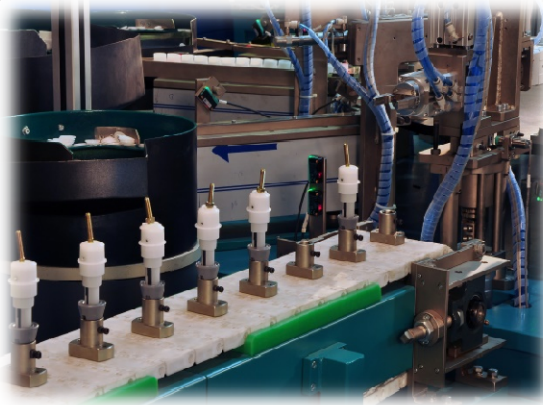
Trusted by our customers.....



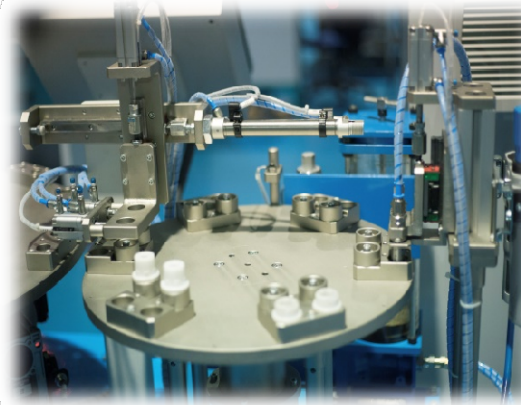
ELMECH AUTOMATIONS



**SPECIAL PURPOSE
MACHINES**



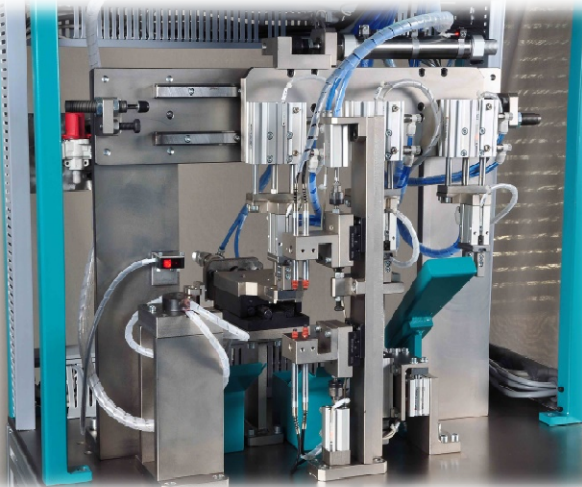
**LINEAR TRANSFER
ASSEMBLY LINES**



**ROTARY ASSEMBLY
LINES**



CONVEYORS



**ASSEMBLY AND PROCESS
EQUIPMENT**



**VISION INSPECTION
SYSTEMS**



**SERVO CONTROLLED
SPECIAL PURPOSE
MACHINES**



LEAN ASSEMBLY CELLS

APPLICATIONS HANDLED.....



PROCESS

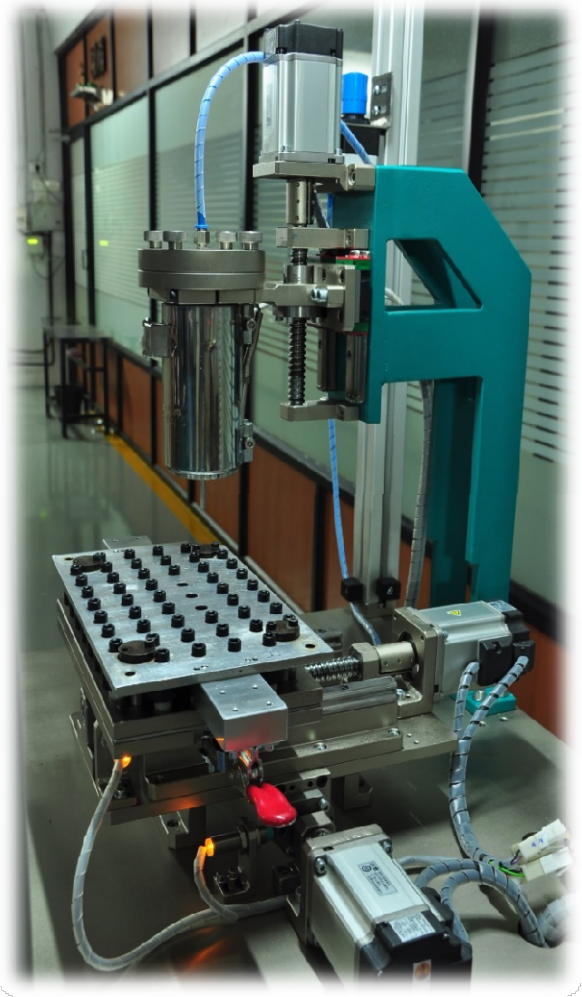
- Assembly
- Screwing
- Riveting
- Pressing
- Adhesive Application
- Trimming
- Greasing
- Threading
- Packaging
- Pick n Places – Servo
- Pick n Places – Pneumatic
- Part feeding & Handling systems

CONTROLS, TESTING & INSPECTION

- Servo
- PC based system
- PLC
- LVDT measurement
- Force measurement
- Pressure, Flow & Leak testing
- Electrical Parameters
- Labeling
- Vision Inspection
- Sorting
- Counting

SOLUTIONS PROVIDED TO

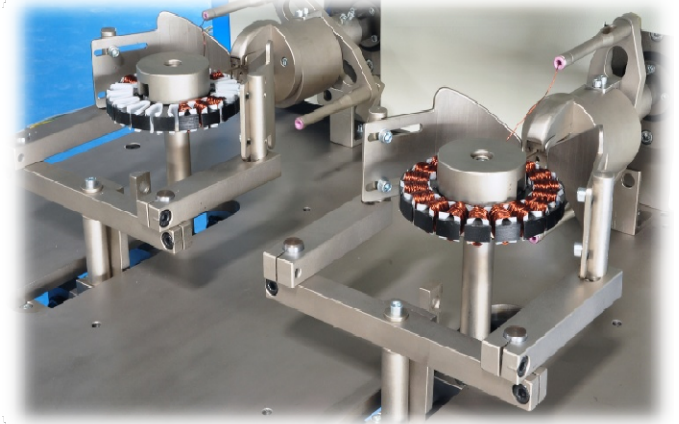
Wide range of Industries.....



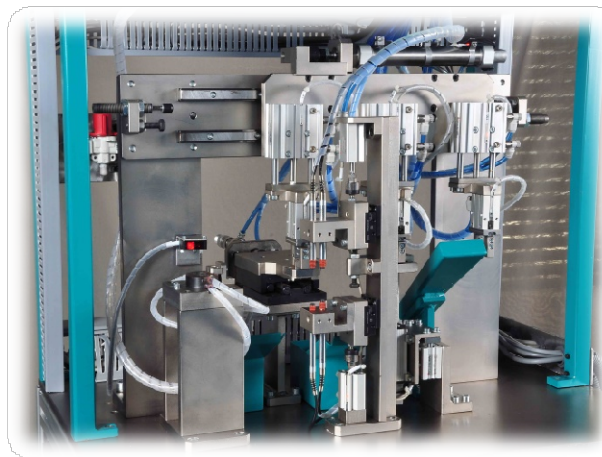
MEDICAL INDUSTRY



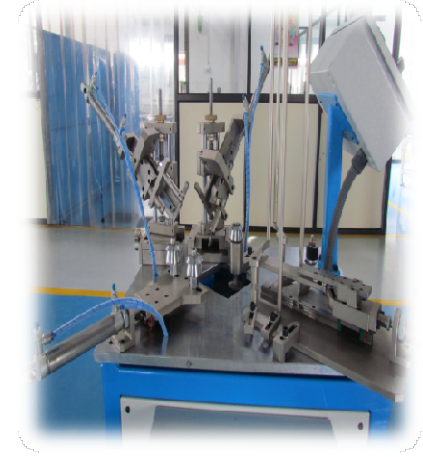
**MANUFACTURING/
ASSEMBLY INDUSTRY**



ELECTRICAL & ELECTRONICS



**AUTOMOBILE &
2-WHEELER INDUSTRY**



RUBBER INDUSTRY

SOLUTIONS PROVIDED TO

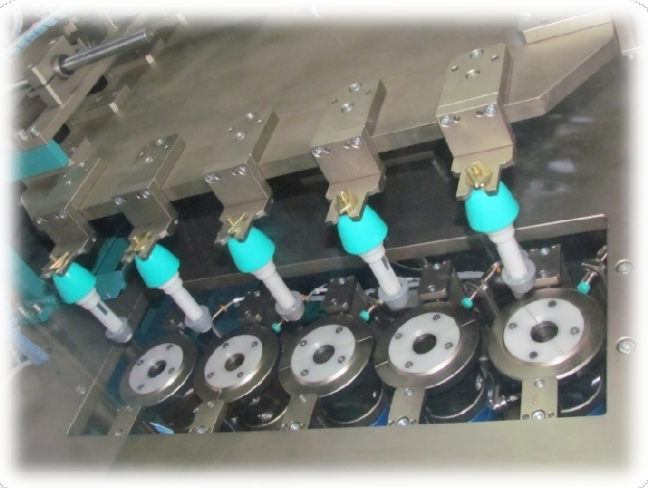
Wide range of Industries.....



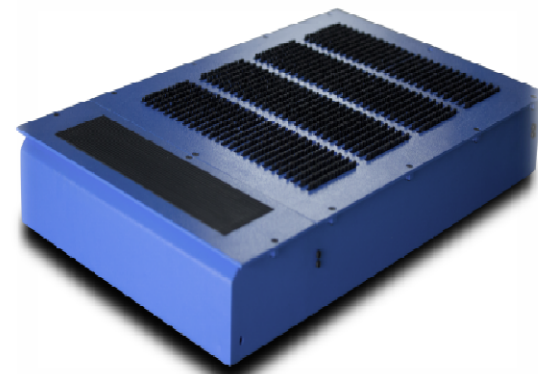
PLASTIC COMPONENT



**METAL FORMING & SHEET
METAL INDUSTRY**



TEXTILE INDUSTRY



**JEWELRY
INDUSTRIES**

FEW PROJECTS

Innovation at its best.....



AUTO COMPONENT

- Needle filling Mc.
- Spark-plug bend Inspection Mc.
- Cycle valve leak testing Mc.
- Auto Screw feeding Mc.
- Pannet Powder filling Mc.
- Crank case with pin pressing Mc.
- Torque Testing Rig.
- Belt Endurance Test Rig

PLASTIC COMPONENTS

- Bobbin holder Assy mc
- Tap Assembly Automation
- Ball valve Testing rigs
- Name printing Mc.
- O-ring Insertion Mc.
- Connection Tube Assy Mc.
- Runner Cutting Mc.

ELECTRICAL COMPONENT

- Terminal Block Assy Mc.
- Coil winding Mc.
- Automatic tapping Mc.
- Automatic Screwing Mc.
- Fan Motor Testing Mc.
- Pulling Load Checking Mc.

PHARMACEUTICAL INDUSTRY

- Wax mixing Mc.
- Syringe with sleeve pressing Mc.
- Syringe Assy

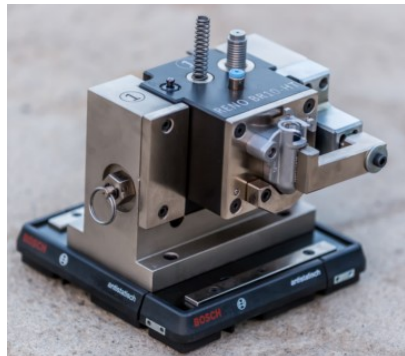
SEAL COMPONENT

- Seal Insertion Mc.
- Oil Seal Trimming Mc.
- Rubber Wire Cutting Machine

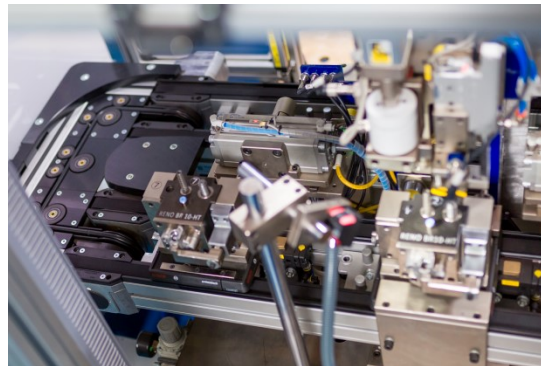
No of **Projects** / **Installations** till date – **250+**

FEW PROJECTS

Innovation at its best.....



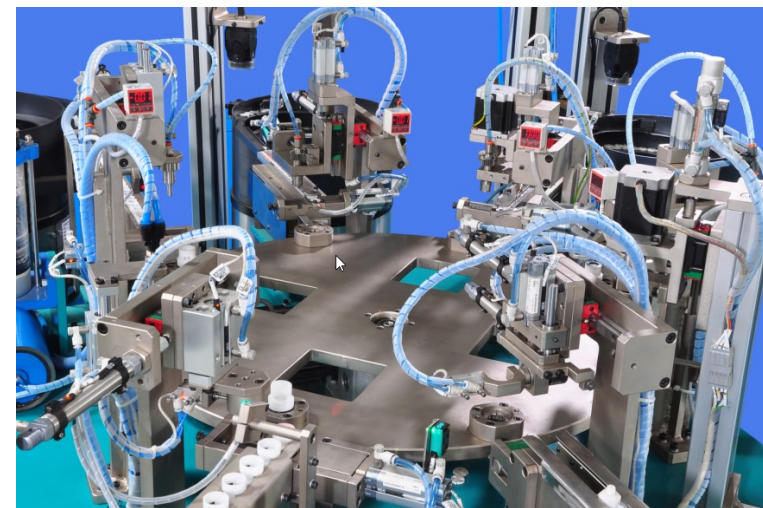
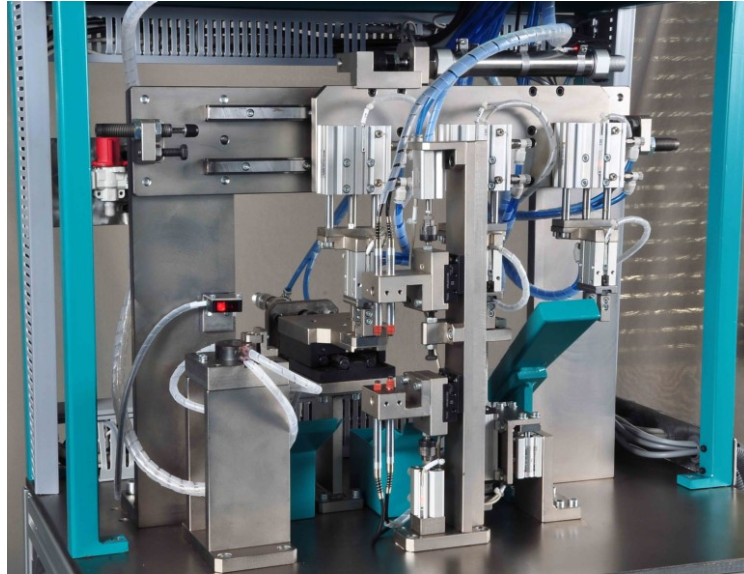
BORG WARNER



GKN DRIVE LINE

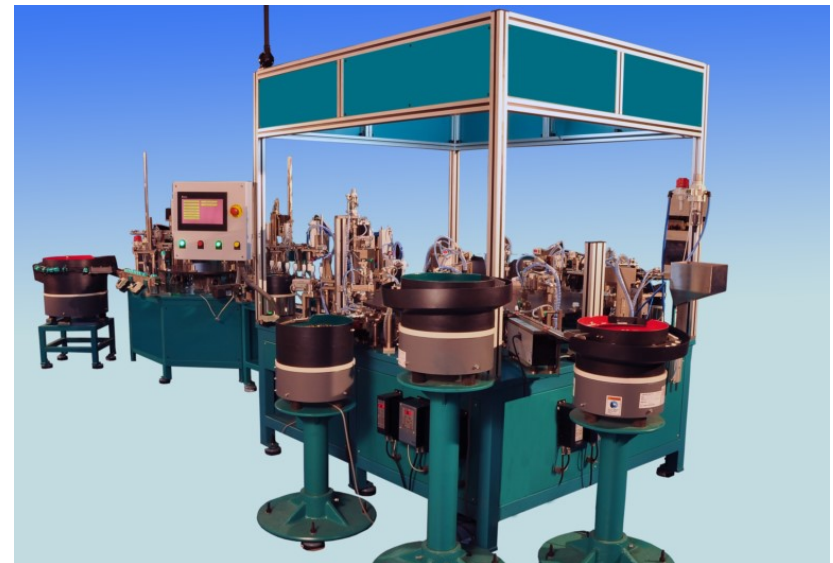
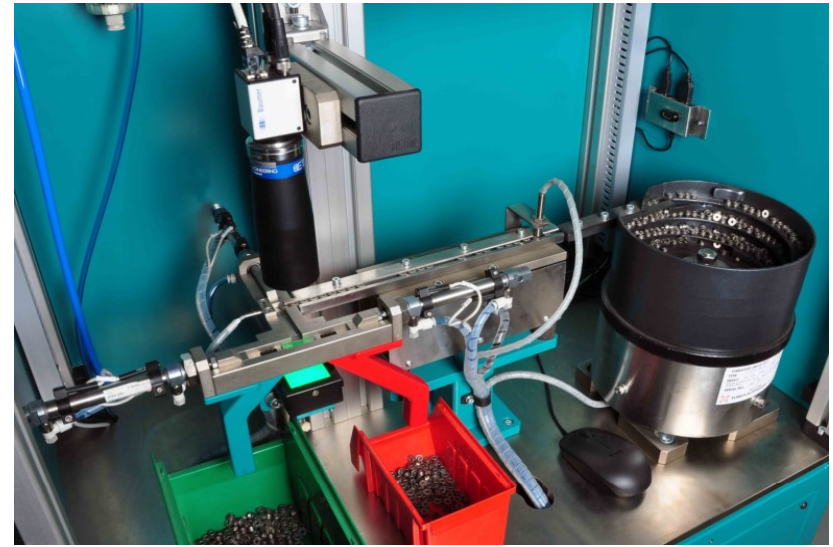
FEW PROJECTS

Innovation at its best.....



FEW PROJECTS

Innovation at its best.....





ELMECH AUTO FEEDERS

Bowl Feeders & Automations



OUR AUTOFEEDER FAMILY MEMBERS ARE

- ☐ **Bowls**
- ☐ **Drive Units**
- ☐ **Control Boxes**
- ☐ **Accessories**



where reliability
is built in for life





ELMECH AUTO FEEDERS

Bowl Feeders & Automations



BOWLS

**CYLINDRICAL BOWLS
MODEL – CYBO**



**STEP BOWLS
MODEL – STBO**

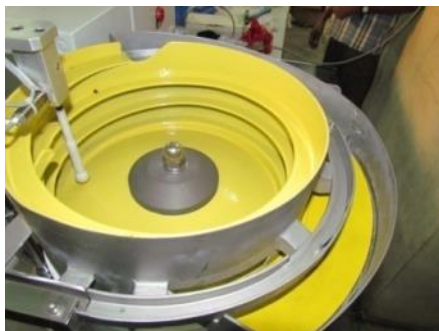


**CONICAL BOWLS
MODEL – COBO**



COATING FOR BOWLS

Urethane



UHMWPE



3M Brushlon



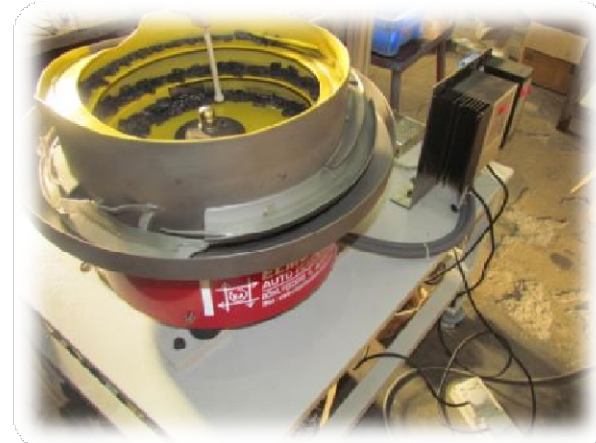


ELMECH AUTO FEEDERS

Bowl Feeders & Automations



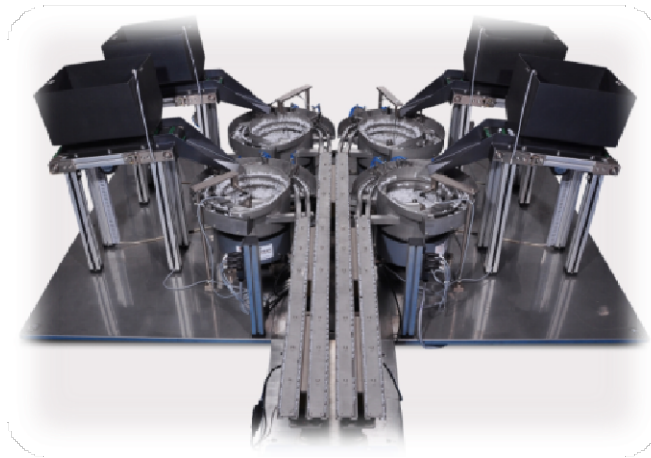
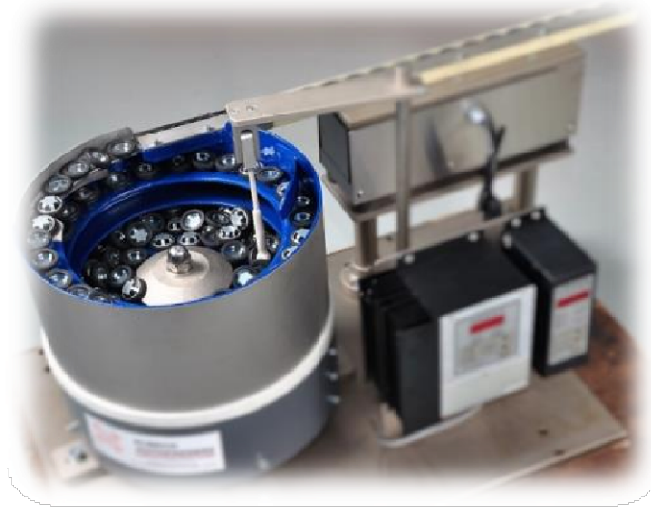
**AT PAR WITH
GERMAN QUALITY**





ELMECH AUTO FEEDERS

Bowl Feeders & Automations



AT PAR WITH GERMAN QUALITY

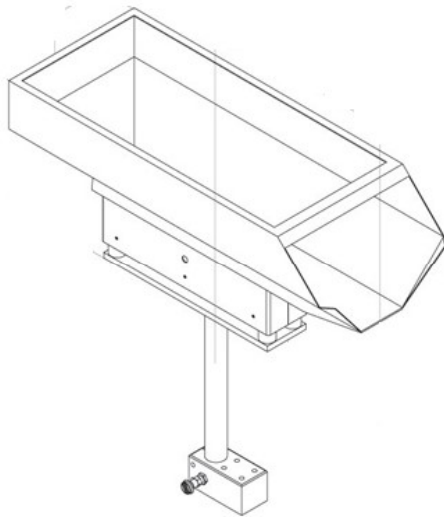


ELMECH AUTO FEEDERS

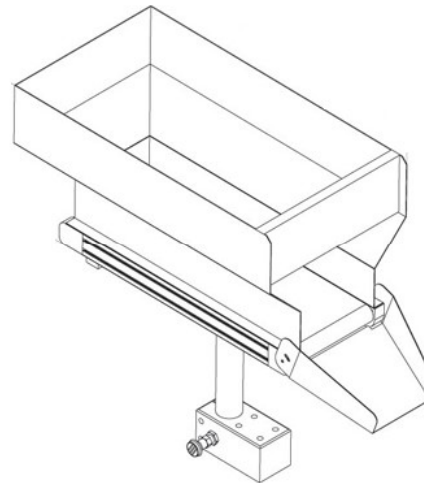
Bowl Feeders & Automations



ACCESSORIES



Vibratory Hopper



Conveyor Hopper



Elevated Hopper

- Low level sensor for Bowls
- Track level sensor for Linear feeders
- Base Plate with stand

inter - 2013

EXHIBITION PARTICIPATIONS.....



JUNE- 2018



EXHIBITION PARTICIPATIONS.....

CHENNAI TRADE CENTRE



- 28 Countries
- Technical Sessions
- Product Launches



ELMECH AUTO FEEDERS

Bowl Feeders & Automations

Hall - E

Stall No - E36



An AIEMA Initiative

21 - 25 June 2018

CHENNAI TRADE CENTRE, CHENNAI, INDIA.

- Machine Tools
- Metrology
- Robotics & Automation

Block Your Dates in JUNE 2018

21 22 23 24 25

Chennai Trade Centre, Nandambakkam, Chennai, INDIA
10.00 am - 6.30 pm

TITLE SPONSOR



PLATINUM SPONSORS



for Visitor Registration
Please Scan

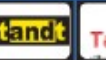


or
Visit : www.acmee.in

GOLD SPONSORS



SILVER SPONSORS



ACMEE 2018, SIDCO - AIEMA Tower, First Main Road, Ambattur Industrial Estate, Chennai 600 058. Phone : +91 - 44 - 2625 0245 / 2625 0489, E-mail : booking@acmee.in

* Recent Participation, yet to update stall photos

JAN - 2019

EXHIBITION PARTICIPATIONS.....



In Partnering with

Meiban®

Meiban Engineering Technologies Pvt.Ltd.
(An associate company of **muratec** Japan)

muratec

MURATA MACHINERY, LTD.

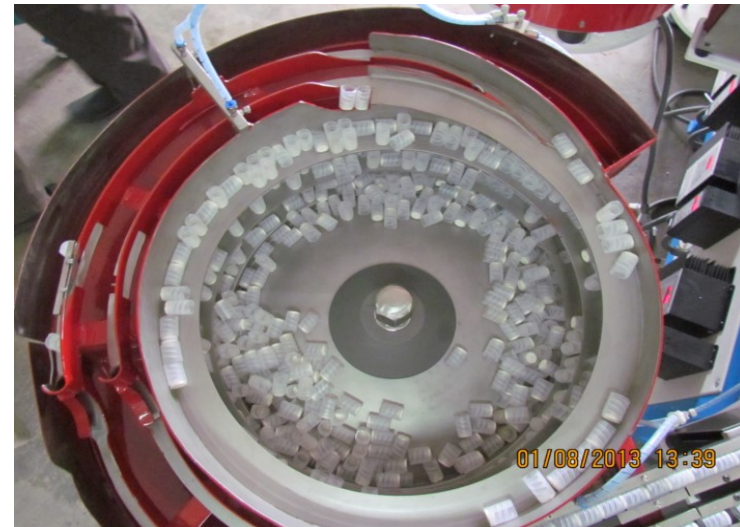
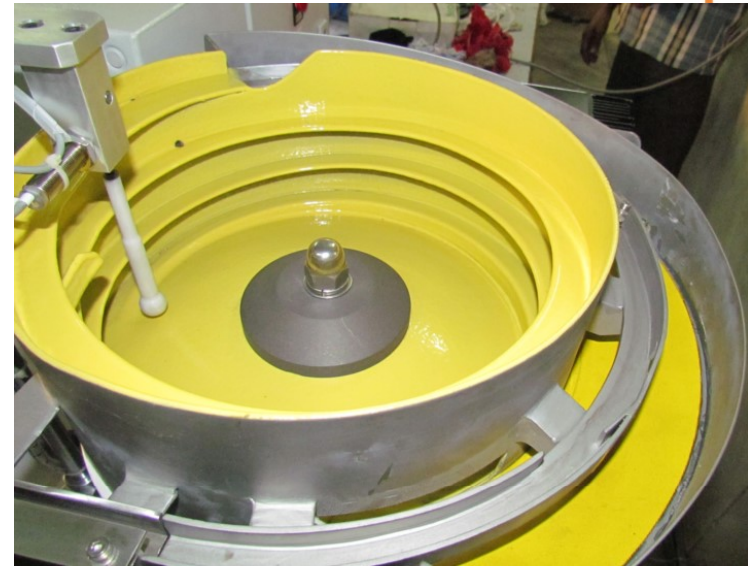
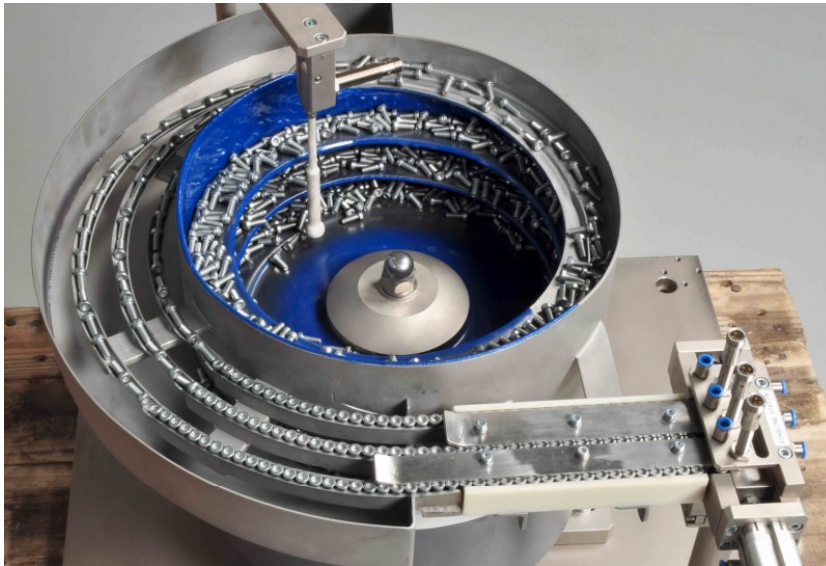
Japanese leading machine tool manufacturer



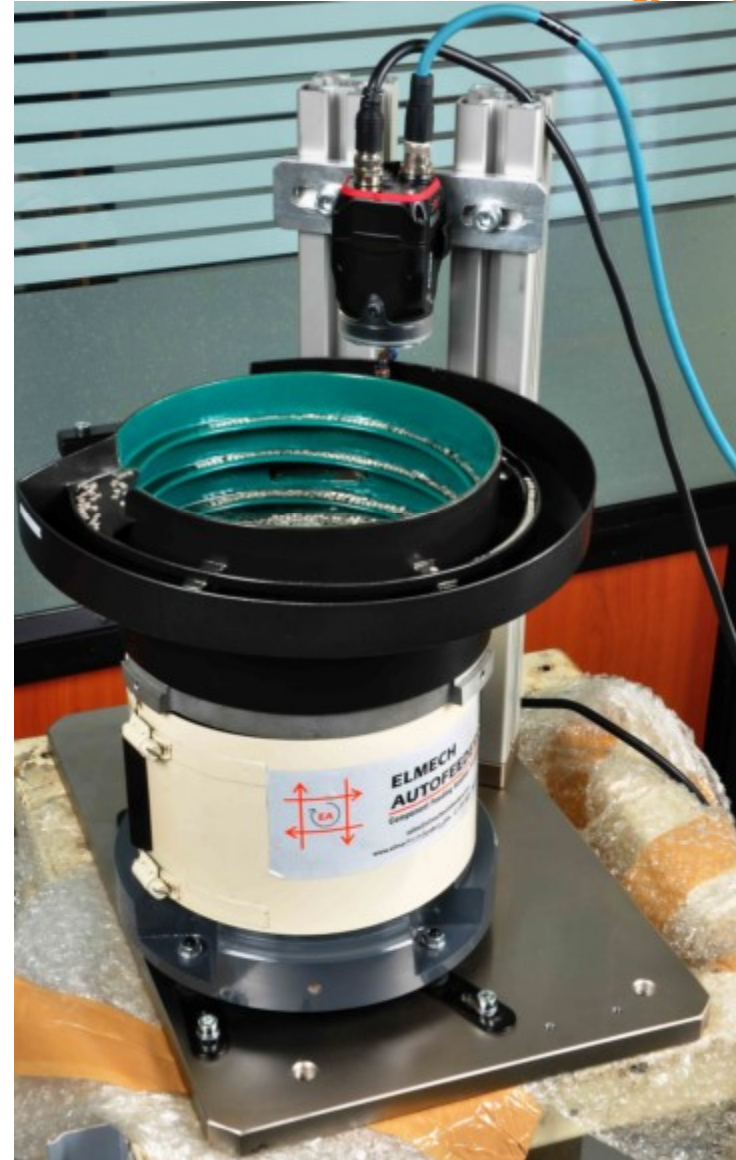
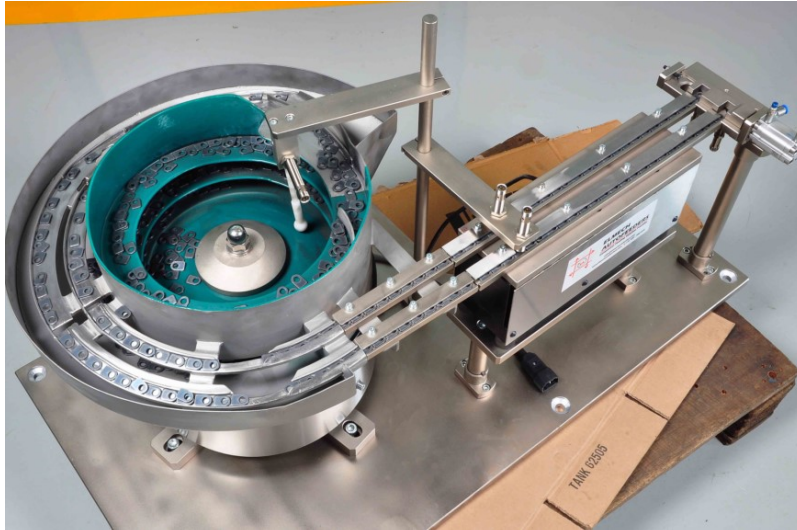
January 24 | 25 | 26 | 27 | 28 | 29 | 30 (Bangalore, India)

* TODAY 28 JAN 2019, WE ARE IN THE STALL

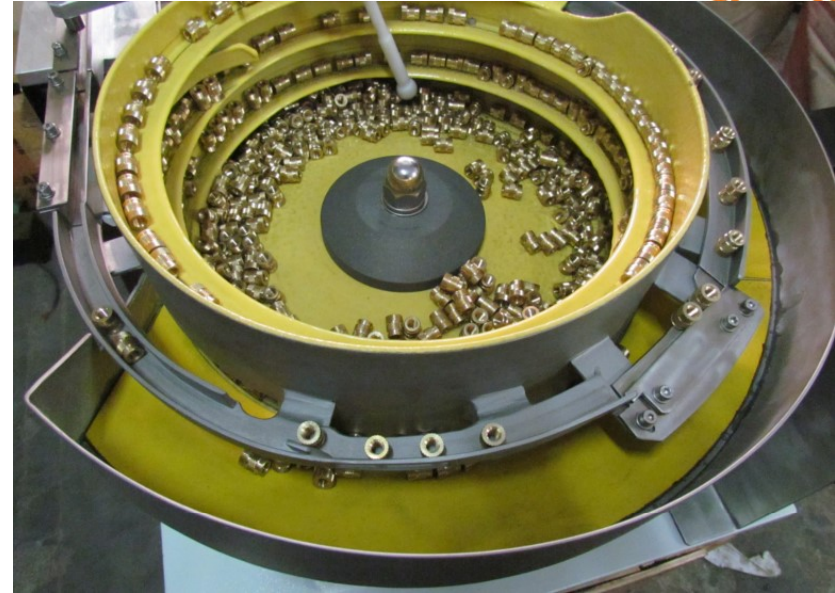
VIBRATORY BOWL FEEDERS / LINEAR FEEDERS / OTHER FEEDERS



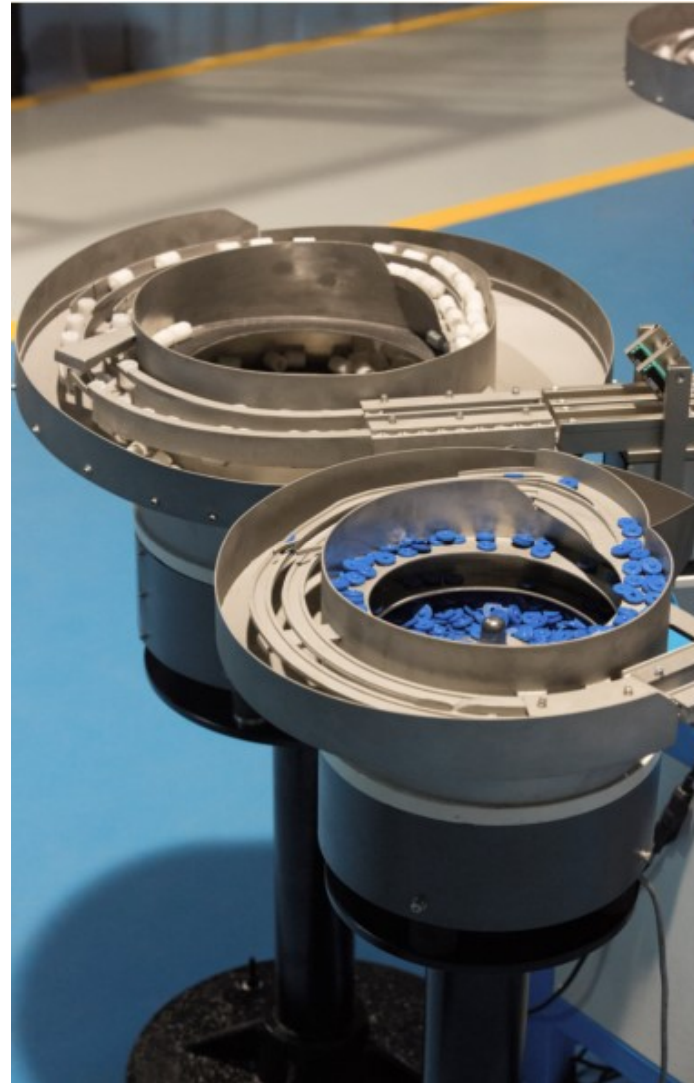
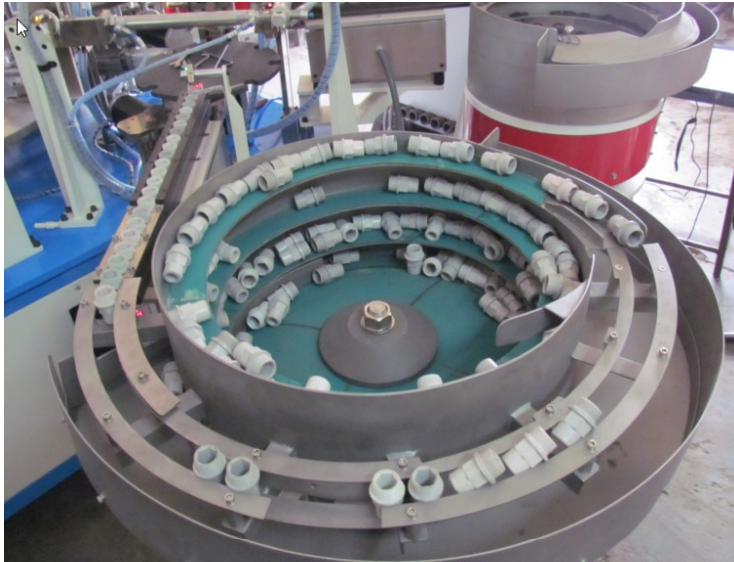
VIBRATORY BOWL FEEDERS / LINEAR FEEDERS / OTHER FEEDERS



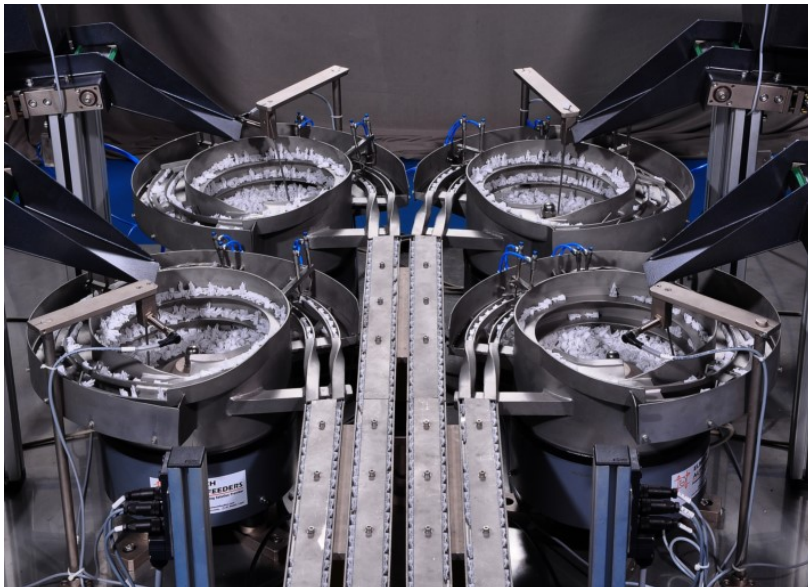
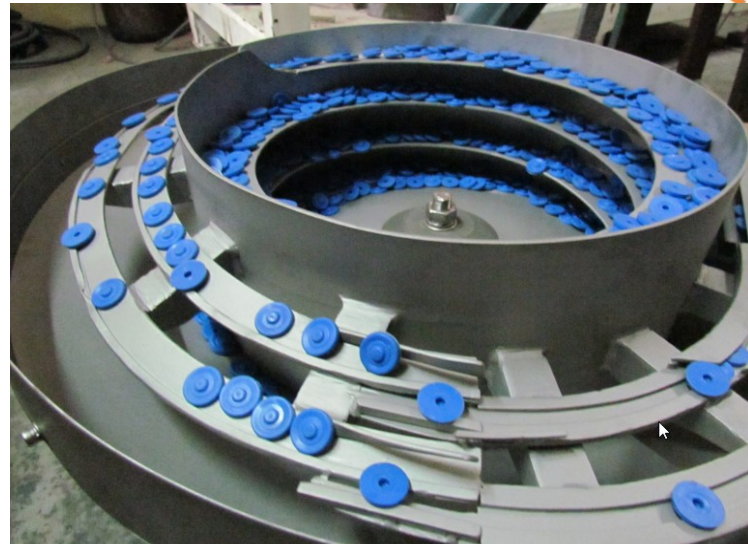
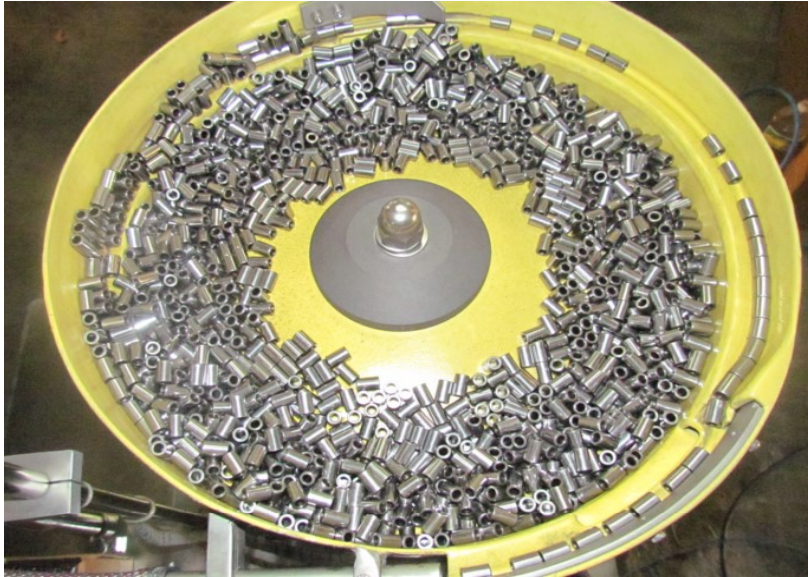
VIBRATORY BOWL FEEDERS / LINEAR FEEDERS / OTHER FEEDERS



VIBRATORY BOWL FEEDERS / LINEAR FEEDERS / OTHER FEEDERS



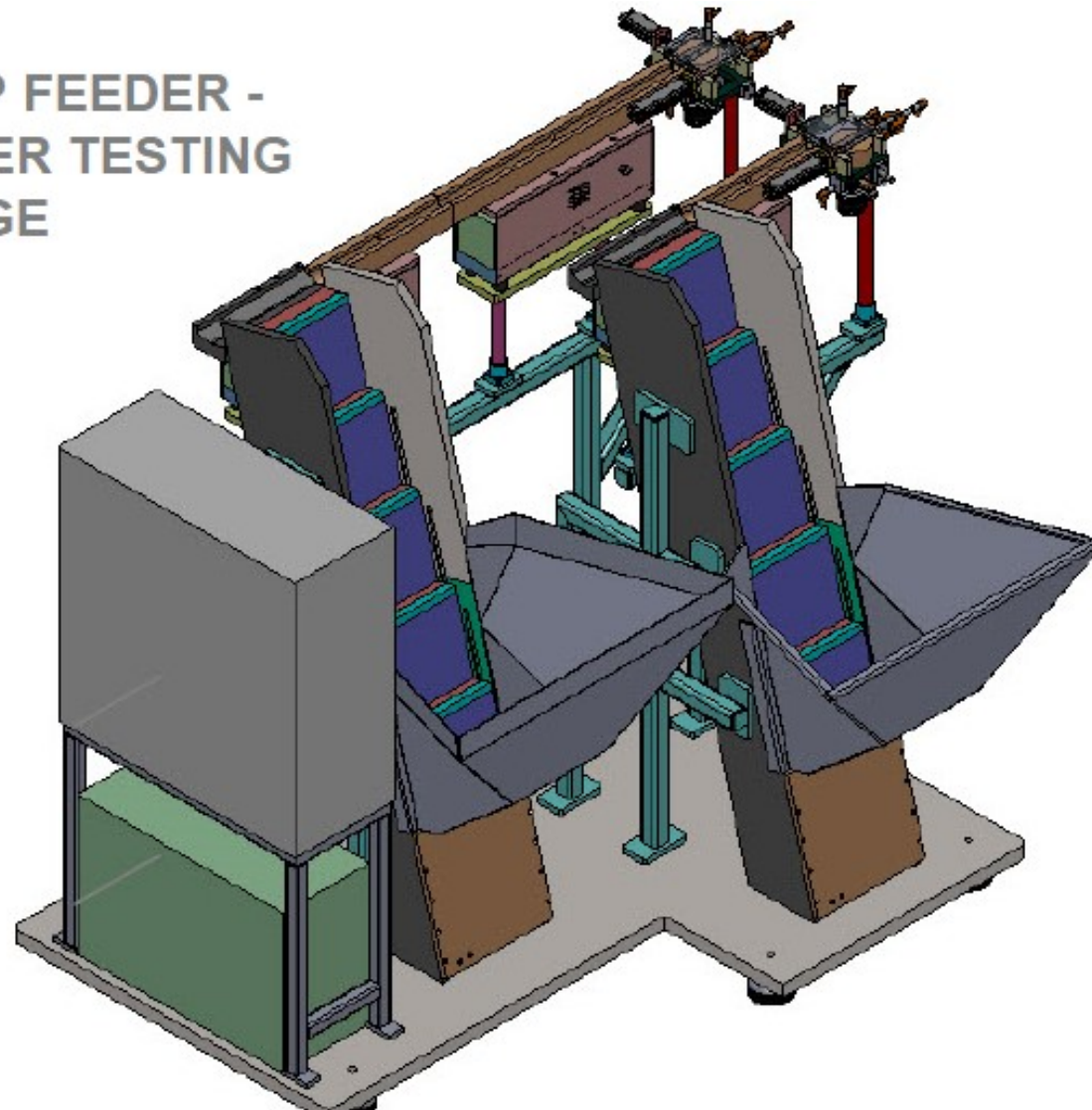
VIBRATORY BOWL FEEDERS / LINEAR FEEDERS / OTHER FEEDERS



VIBRATORY BOWL FEEDERS / LINEAR FEEDERS / OTHER FEEDERS



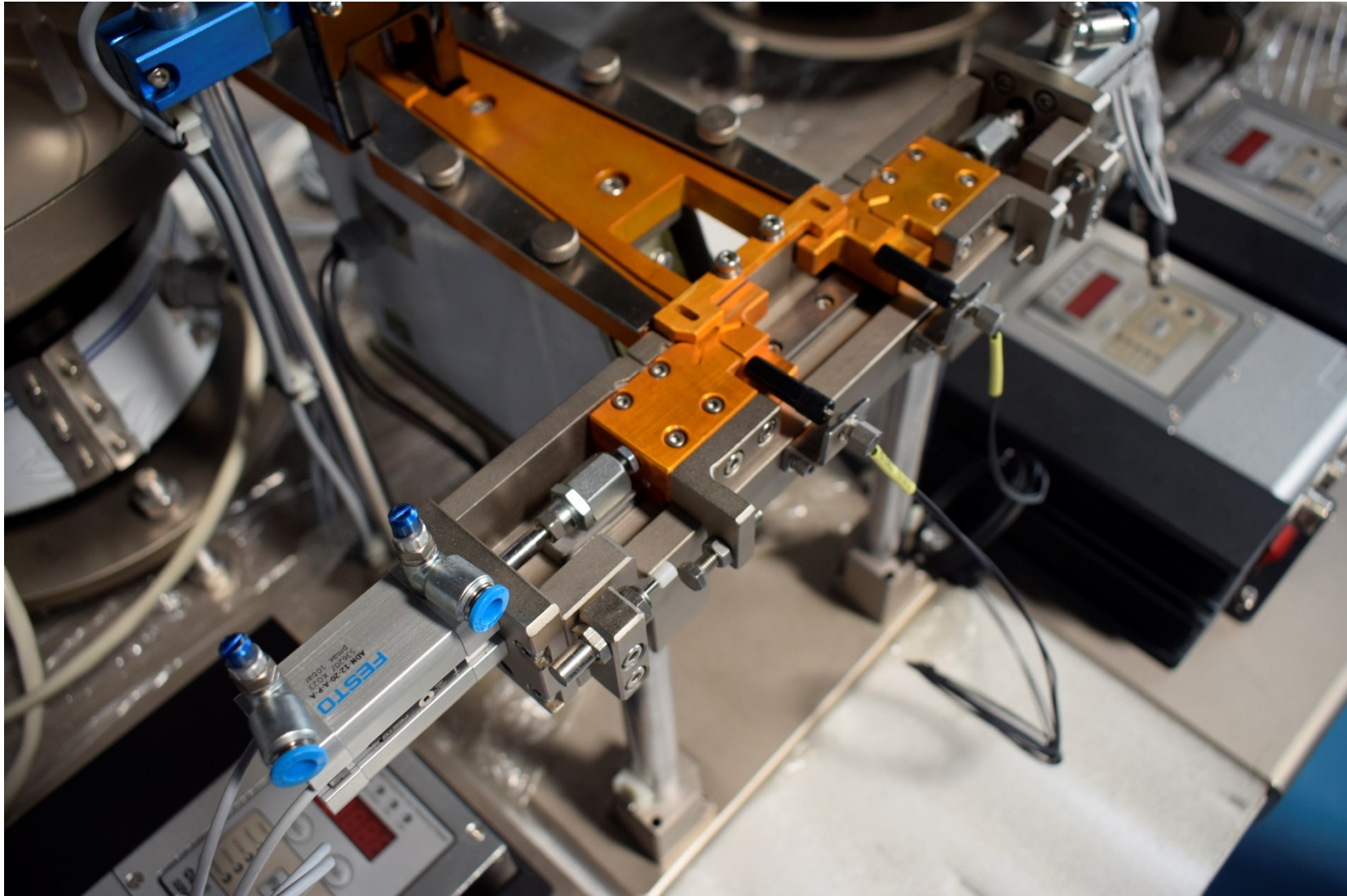
STEP FEEDER -
UNDER TESTING
STAGE



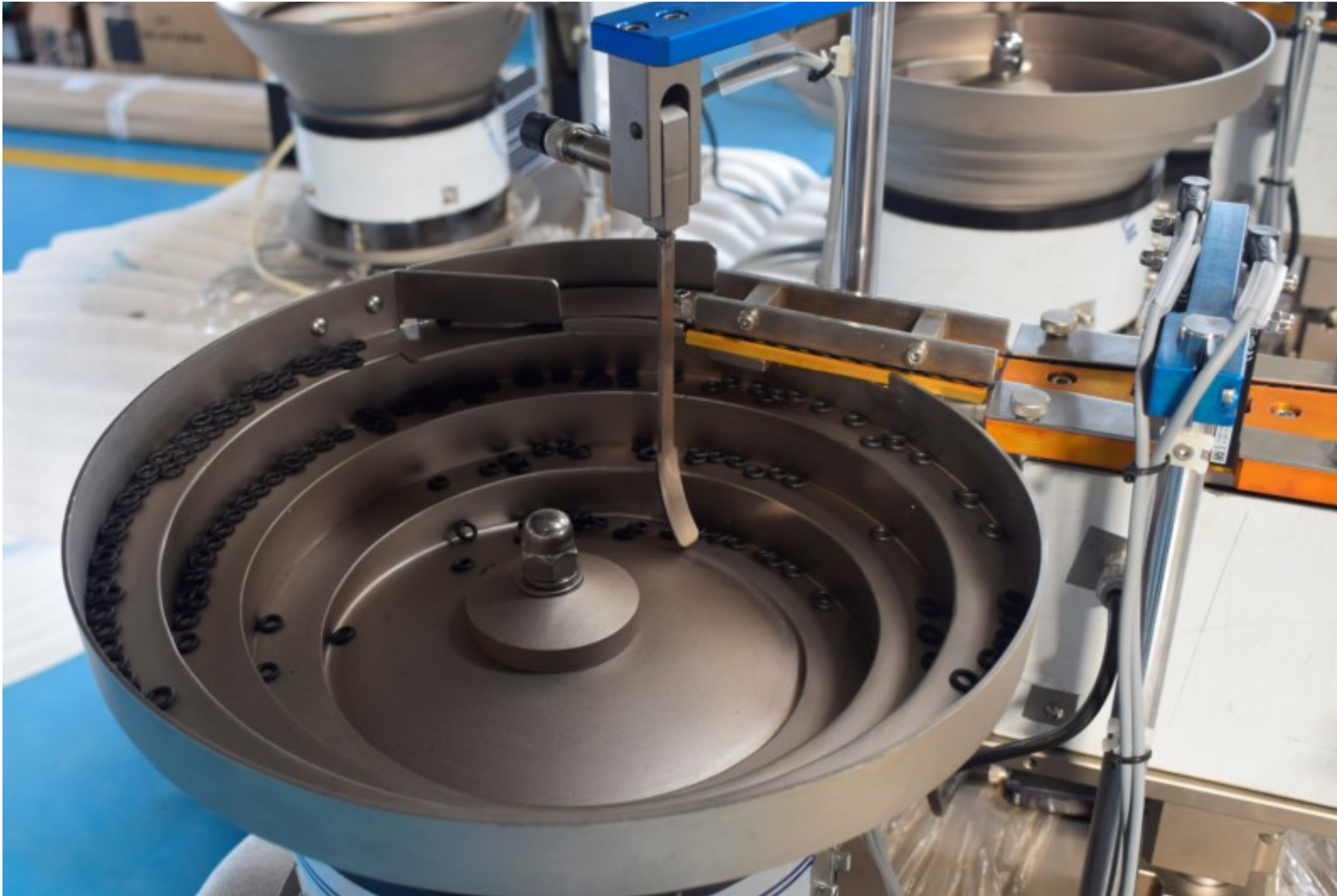
PRESENTLY IN SHOP FLOOR FOR CUMMINS INDIA
UNDER FINAL TESTING.....



PRESENTLY IN SHOP FLOOR FOR CUMMINS INDIA
UNDER FINAL TESTING.....



PRESENTLY IN SHOP FLOOR FOR CUMMINS INDIA
UNDER FINAL TESTING.....



PRESENTLY IN SHOP FLOOR FOR CUMMINS INDIA
UNDER FINAL TESTING.....



PRESENTLY IN SHOP FLOOR FOR CUMMINS INDIA
UNDER FINAL TESTING.....

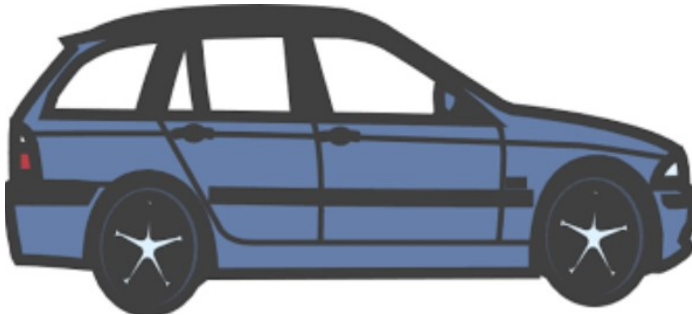




ELMECH AUTO FEEDERS

Bowl Feeders & Automations

BIG MARKETS – FOR VIBRATORY BOWL FEEDERS



AUTOMOTIVE



2-WHEELER



ELECTRICAL



ELECTRONICS



ELMECH AUTO FEEDERS

Bowl Feeders & Automations

BIG MARKETS – FOR VIBRATORY BOWL FEEDERS



TAPS / FAUCETS



BEARINGS



FASTENERS



TOYS



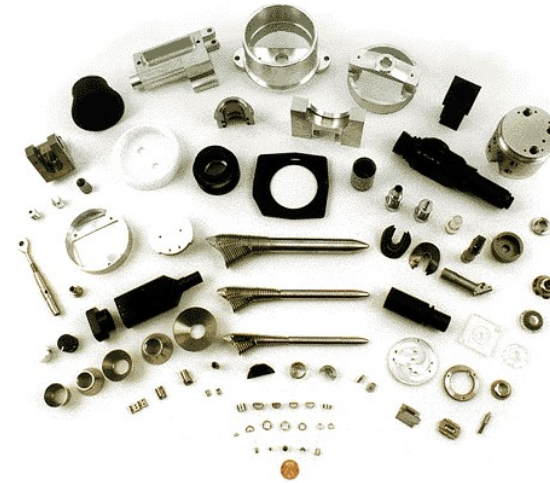
ELMECH AUTO FEEDERS

Bowl Feeders & Automations

BIG MARKETS – FOR VIBRATORY BOWL FEEDERS



PHARMA



MEDICAL DEVICES



TEXTILE



O-RINGS



ELMECH AUTO FEEDERS

Bowl Feeders & Automations

PRESENT KEY CUSTOMERS

AUTOMOTIVE – ROYAL ENFIELD, KSPG AUTOMOTIVE, HITACHI, RANE, HARITA, NOVARES, COMSTAR, BORG WARNER, TAFE, SOMIC ZF, BOSCH E.T.C

2 WHEELER – HONDA, TVS

ELECTRICAL & ELECTRONICS – SCHNEIDER ELECTRIC, EATON, VERSA DRIVES, ABB, VELANKANI, LEGRAND, FCI, CAHORS, E.T.C

PLASTIC : TAPS & FAUCETS – WATER TEC, SUPREME, ASHIRVAD, APOLLO, PRAYAG, STAR FLUSH, SANITUF, LEO TAPS & FITTINGS E.T.C

TOYS – MICRO PLASTICS, SATISH TOY, HASHBRO

PHARMA / MEDICAL – AURO LAB, NIRLIFE

AUTOMATION – TITAN, KRISM E.T.C

TEXTILE – LMW, ADWAITH

BEARINGS – INA SCHAEFFLER, SKF, NSK, TEX SPIN E.T.C



ELMECH AUTO FEEDERS

Bowl Feeders & Automations

Our core competencies:

- Very high quality / finish / aesthetics
- Durable coating
- Imported controller
- On-time delivery
- Library of production
- Quality assurance & delivery with pre-dispatch check-list & Equipment Manual
- Right pricing to meet Indian markets
- Good infrastructure and manufacturing set-up for bowl development
- Quick prototypes to conclude orientation / feed rate



ELMECH AUTO FEEDERS

Bowl Feeders & Automations

NO OF BOWL FEEDERS DISPATCHED TILL DATE : ~ **600 BOWLS**

NO OF CONTROLLERS BOUGHT FROM CUH : **507 NOS SINCE 2013**

TARGETED FOR FY 19-20 : **350~450** FEEDER CONTROLLERS

FY 19-20

- ☐ FOR ELMECH AUTOMATIONS / FEEDERS – 150 Nos / annum
- ☐ SOUTH INDIAN MARKET – 5 STATES – 100 to 250 Nos / annum
- ☐ REPAIR / REPLACEMENT – 50 Nos / annum

TOTAL REQUIREMENT - **350 ~ 400 Nos / annum** (Only South-Indian market)

Future scope – Expanding to **ALL INDIA** level – Up to **6000~8000 Controllers / annum**

CUSTOMERS LIST



ELMECH AUTOMATIONS



VELANKANI



Brakes India Private Limited



CUSTOMERS LIST



ELMECH AUTOFEEDERS



CONTACT



Head Office & Factory

No 28-N1, Site No 326/2 Behind IND Roller Steel Mills -Sengalipalayam Edikarai Coimbatore
Pincode – 641 022 Tamil Nadu , INDIA. Land Line : +91 422 2461818 Mobile : +91 944312341
e-mail : sales @elmechautomations.com, vishnu@elmechautomations.com



www.elmechautomations.com



ELMECH AUTO FEEDERS

Bowl Feeders & Automations

Thank **you** for **your** attention.....



.....END.....