



Integral Systems and Components Pvt Ltd.
ISO 9001:2015 Certified Company



About us



integral

Its an Southern Electronics
Group of Company.

We Products and Services Line

- Switches
- Electro-Mechanical Components
- Specific to Type Electronic Instruments
- Press Components & Molding Components
- Defense, Telecommunication & Industrial Applications.



Vision



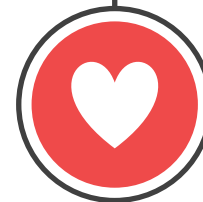
“We create **superior** customer experience and build long term relationships with sustainable growth to become a reputed company in Electro Mechanical Switch manufacturing industry”

Mission



Our ‘**reputation**’ is defined by the Quality we deliver to our customers

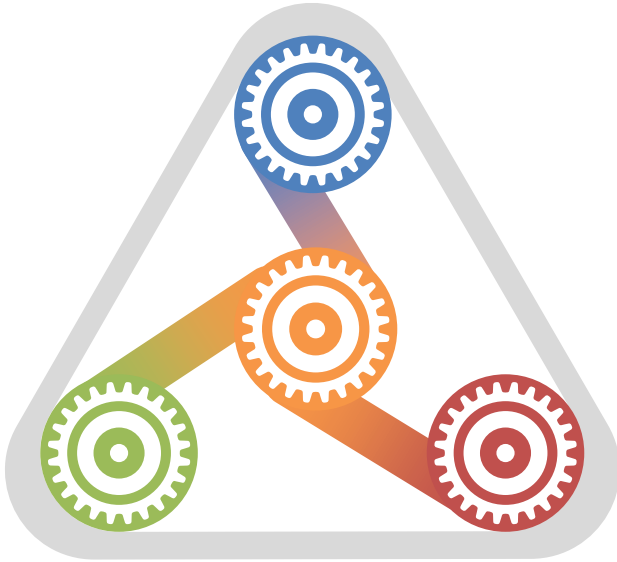
Values



Safety, Innovation-Creativity, Transparency, Intrapreneurship & Teamwork

Our Strength

integral



- ✓ Reverse Engineering.
- ✓ In-House Design & Development of Molding Tools and Press Components
- ✓ Product Indigenization for Defense Applications.
- ✓ Any customization of switches as per customer requirement.
- ✓ Cemilac Approved Design House
- ✓ In-House NABL accredited lab for prototype testing & Product qualifications.
- ✓ Large Clients in both Public and Private Sectors



- MIL Approved Toggle Switches (19 Types) - HAL
- MIL Approved Rotary Switches (01 Type) - Boforse
- MIL Approved Micro Switches (03 Types) - HAL
- MIL Approved Instruments for communications - HAL
- MIL Approved Lamp Holders (12 Types) – HAL
- MIL Approved Missile Control Panels – HAL
- RCMA Approved 4 Position Trim Switch - NAVY
- Defence Approved Terminal Block - BRD
- Optical Light Pipes - BHEL
- Export to China, Germany & Switzerland.
- MIL Approved Relays (2 Types) - HAL

Industrial Grade Products

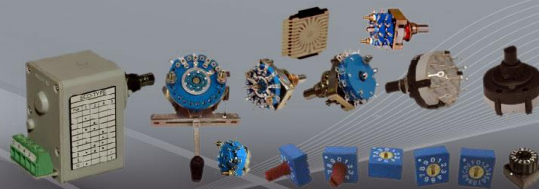
Push Button /
Micro Reset Switches



Toggle Switches



Rotary Switches



Defense Application Products

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**WARNING LIGHT PRESS TO TEST
IE-27000**

Used in Vijyanath tank
manufactured by Heavy vehicles
Factory, Avadi, Chennai

TYPE APPROVAL
NO.95/IND/ELECT



PRESS TO TEST

Used in Chetal and Cheetah
Helicopter Cockpit panel

OPTIONAL Lens colour: Red, Green
& Amber
TYPE APPROVAL NO. 249



LAMP FITTING-APM

Used in cockpit panel illumination in
MIG aircraft

CRE (N) 1657/315



**MIDGET LAMP HOLDER
P/N.IE39230**

Used in Helicopter cockpit panel

TYPE APPROVAL NO.266



NAVIGATION LAMP HOLDER

Used to hold the navigation lamp on
the fin of the Jaguar Aircraft

PROVISIONAL APPROVAL NO.
RCMA(A/C)/HAL(BC)/330



LAMP FITTING

Used in cockpit panel of MIG
aircraft with day & night facility

OPTIONAL Lens colours:Red &
Green
TYPE APPROVAL NO.407



PANEL LAMP HOLDER IE-103040

Used in Chetal and Cheetah
Helicopter Cockpit panel

TYPE APPROVAL NO. 201



LAMP FITTING IC-60

Used in cockpit panel illumination in
MIG aircraft

CRE (N) 1657/15/89/868



LAMP FITTING IC-80

Used in cockpit panel illumination in
MIG aircraft

CRE (N) 1657/15/89/868



SV LAMP FITTING CB-100

Used in cockpit panel illumination in
MIG aircraft

TYPE APPROVAL NO. RCMA (N)
1657/8/83/419



LAMP FITTING-KHS-39

Used in cockpit panel illumination in
MIG aircraft

TYPE APPROVAL NO. CRE (N)
1657/44/83/455



LAMP FITTING-APNR

Used in cockpit panel illumination in
MIG aircraft

CRE (N) 1657/315



NAVIGATION LAMP HOLDER

Used in cockpit for MIG-27 & MIG-
29

TYPE APPROVAL NO > 1160



MAX RATE
APD



FLAP LABLE
FLAP M/M
BOTH CHUFF
FLARE
M/M
FLARE
BLEW PA
REAR

APD GEN TV TE H.D
A/A O/C TT TEL 7 8 9 OPS
REV CLR ENT

1 2 3 4 5 6 7 8 9 0
+ - * /
M/M
TK
COM
WIND T



ENG FIRE
MAGNETO
MAGNETO

MOD REPEAT
ON
No2
No1



Infrastructure

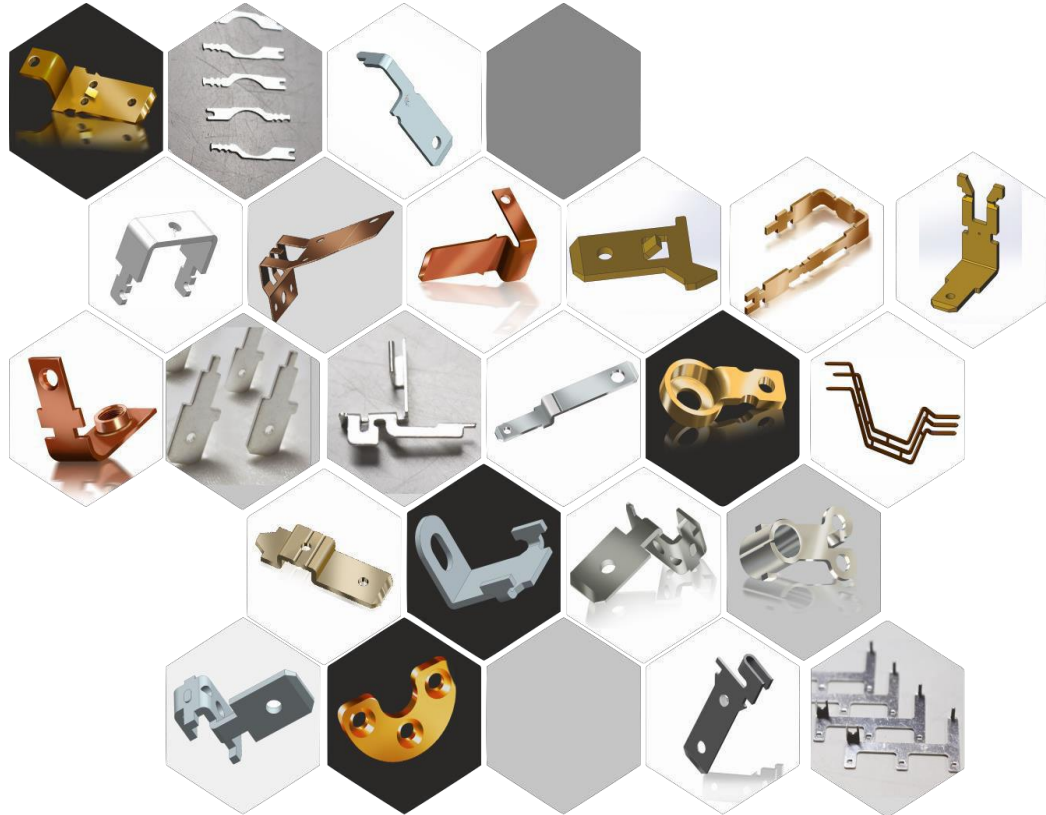


Sheet Metal Products

High speed stamping presses include bruderer and Hensel. We have developed capacity to handle brass, copper, stainless steel, phosphorus bronze, beryllium copper & CRCA. We can supply components ranging from 0.1 mm to 2.5mm thick. Dimension tolerance can be controlled within +/- 0.007mm.



- TERMINALS
- LUG PLATES
- TERMINAL BLADES
- D C FLASHERS
- BRACKETS
- WINKER RELAY
- DIAPHRAGM
- WIRE CRIMPING COMPONENTS
- COUNTER WEIGHTS
- MALE/FEMALE TERMINALS
- WASHERS
- CONTACT PLATES
- GROUND RING
- CONNECTOR PINS
- SPRING TERMINALS
- PCB TERMINAL
- ROCKER CONTACTS
- CONTACT SWITCH TERMINALS
- ROTARY CONTACTS
- CONNECTOR NEUTRAL INDICATORS
- BATTERY TERMINALS
- LAMP TERMINALS
- CONNECTORS



CNC EDM



DRILLING



RADIAL DRILLING M/C



SURFACE GRINDING



PEDESTAL GRINDER



CNC LATHE



CNC 5 – AXIS MILLING



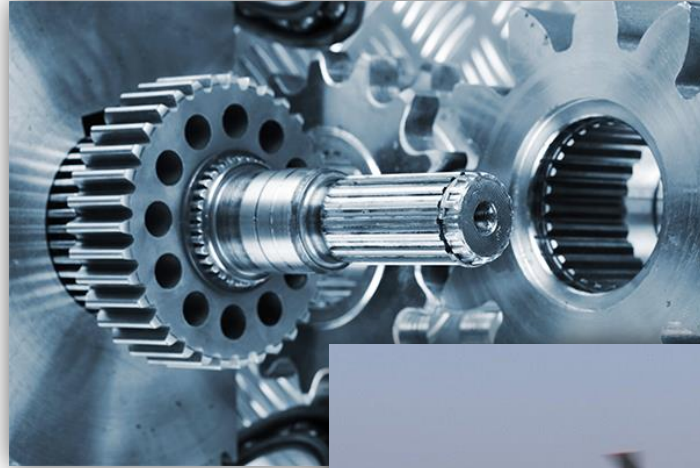
COORDINATE MEASURING MACHINE



Industries we serve

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- CNC Industries
- Embedded Systems
- Defense Industries
- Toys Industries



Toshiba Moulding Machine

integral



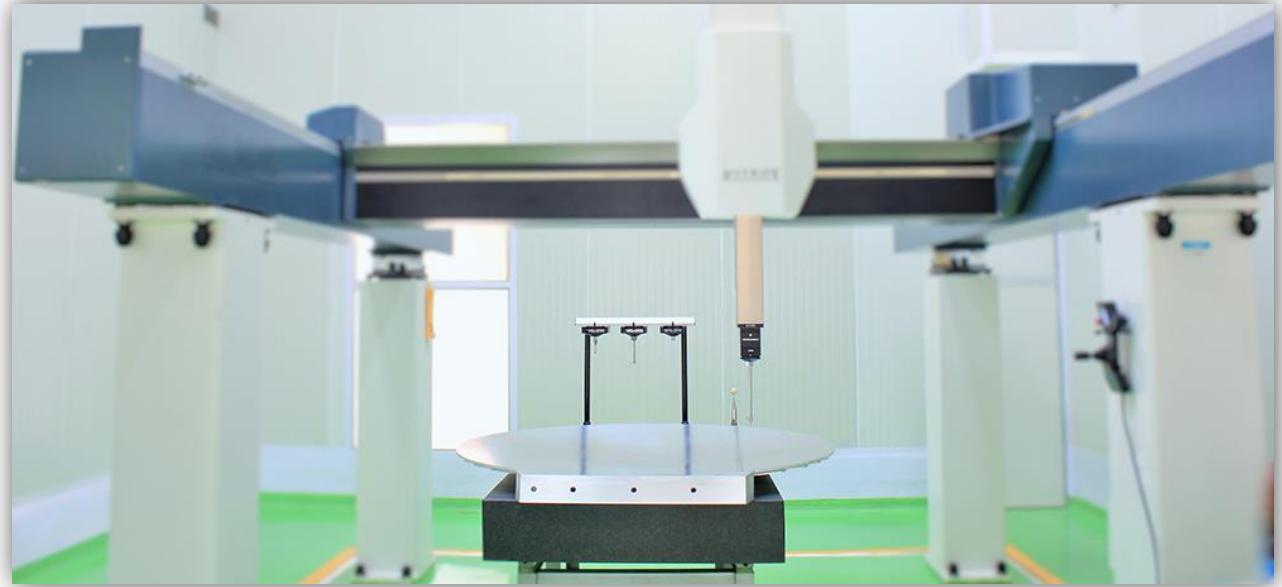
Molded Products

Integral is able to design, Develop and deliver custom made plastic components / products for your company. We are specialized in **Thermoset & Thermoplastic injection moulded components**. We process most of the engineering grades. We are capable of manufacturing plastic components ranging from 0.2 grams to 500 grams.



Measuring technology

Reliable, high-quality measuring technology consists primarily of the coordinate measuring machine, in a temperature and relative humidity controlled environment ensuring highly precise repeatability and accurate results with well-engineered software, customer service and support. Using the latest RDMIS analysis software.



Trends in Delivery Performance

Period	Target	Actuals
2015-2016	≥ 90 %	95 %
2016-2017	≥ 90 %	95 %
2017-2018	≥ 90 %	95 %
2018-2019	≥ 90 %	95%
2019-2020	≥ 90 %	94%

Trends in Number of Customer Complaints Received

Period	Target	Actuals
2015-2016	10 % reduction from previous average	0
2016-2017	10 % reduction from previous average	0
2017-2018	10 % reduction from previous average	0
2018-2019	10 % reduction from previous average	2
2019-2020	10 % reduction from previous average	0



- ✓ We have supplied over **19 Million Micro Reset Switches & Slide Switches** to Electronics Corporation of India Limited [ECIL] and Bharat Electronics Limited [BEL] for use in Electronic Voting Machines [EVM]
- ✓ Company has received awards from Hindustan Aeronautics Limited [HAL] for Indigenization of critical items developed for Jaguars and MIGs.
- ✓ Company received excellence certificate from **BEL 2018-2019.**

Achievements



Our Clients





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Integral Systems and components Pvt Ltd.

ISO 9001:2015 Certified Company

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