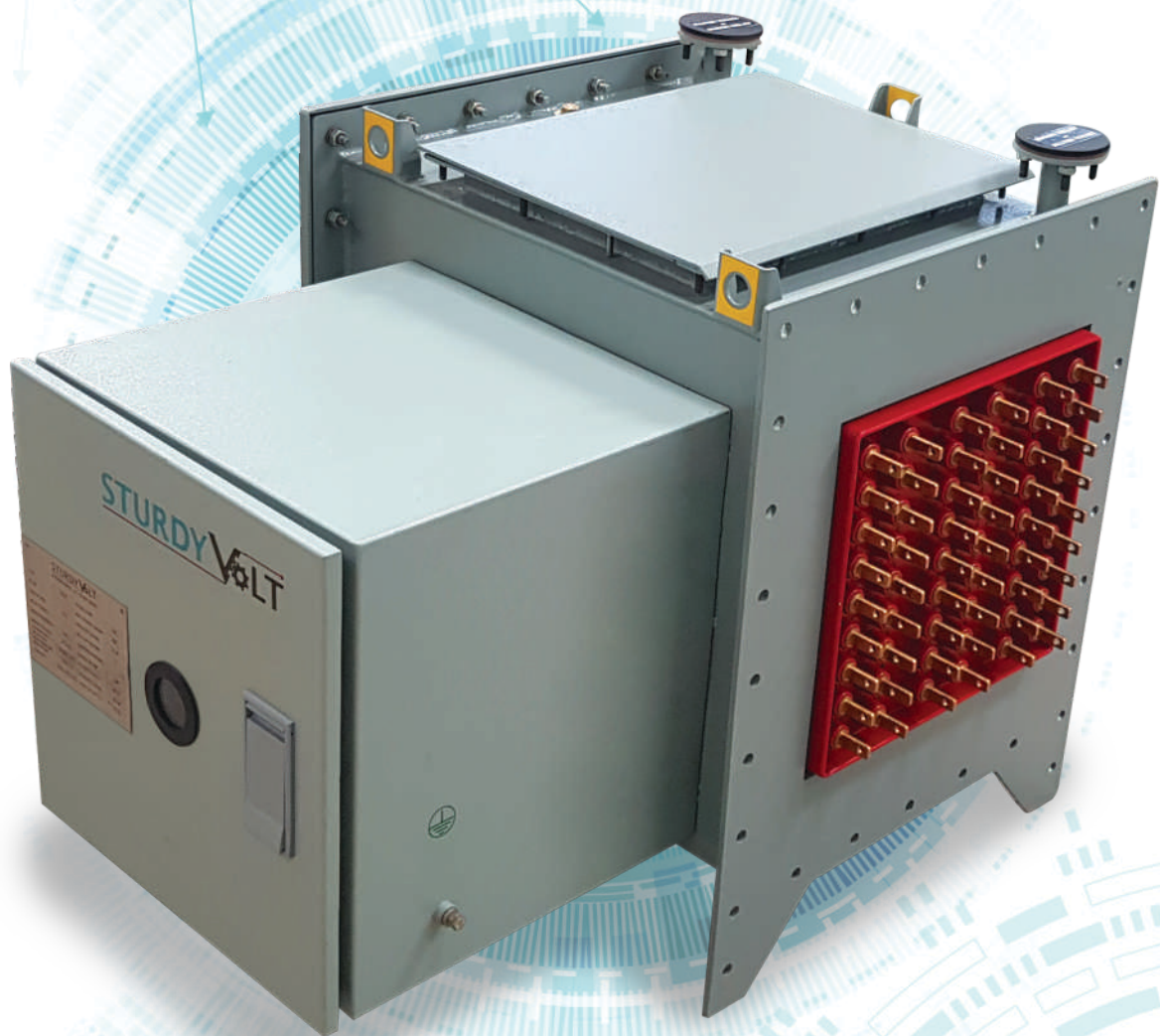




STURDYVOLT[®]

ON LOAD TAP CHANGERS

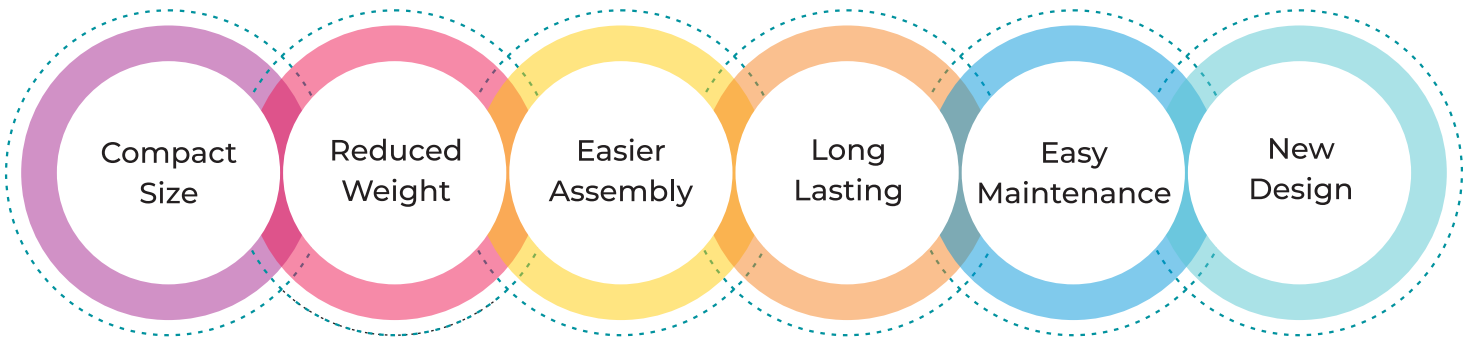
An ISO 9001, 14001 & 45001 Certified Company



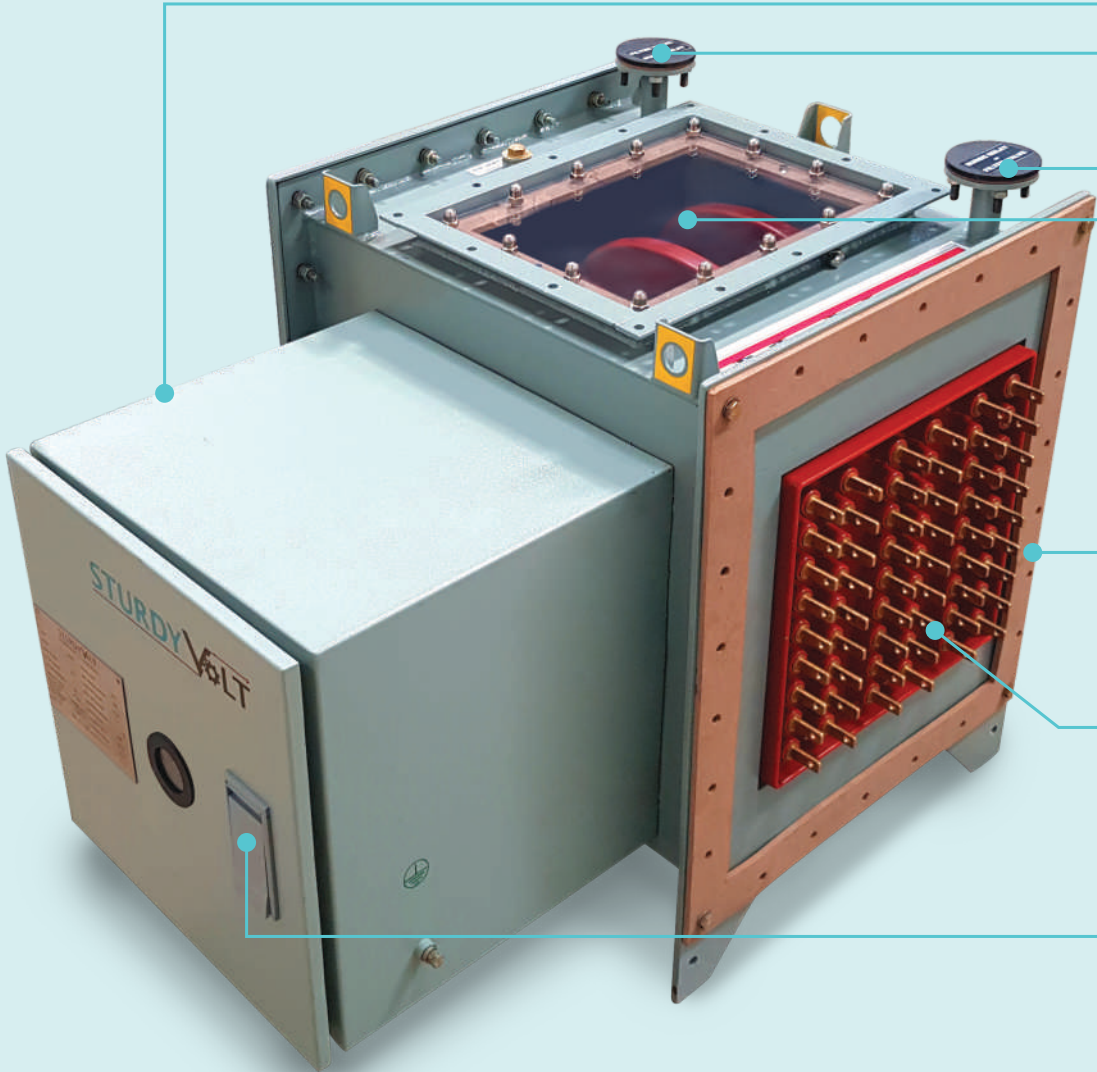
OLTC PRODUCT RANGE

| Model | 11kV (Oil Cooled) | 22kV (Oil Cooled) | 33kV (Oil Cooled) |
|------------------------|-------------------|-------------------|-------------------|
| | 200A | 200A | 200A |
| 9 Position Linear | ✓ | ✓ | ✓ |
| 17 Position Linear | ✓ | ✓ | ✓ |
| 17 Position Non Linear | ✓ | ✓ | ✓ |

WHY US?



STURDY VOLT OLTC is an entire new approach and design with plug and play type OLTC where only barrier board to transformer connections has to be made during commissioning of transformer.



- Low Welding joints**
Aesthetic appeal, High quality
- Two Options for Surge Relay Connections**
Ease in connecting surge relay
- Maintenance View Glass**
Accurate maintenance planning
- OLTC accompanied by Gaskets**
No need of buying
- Barrier board to transformer connection nuts & bolts are supplied**
No need of buying
- Door Lock Arrangement**
Complete Protection from mishandling

- Supply of Surge Relay Pipes**
No need of buying
- Optimised Tank Weight**
Thinner transformer tank flange
- Small Size**
Oil quantity <175 ltrs
- Plug-In Socket for RTCC Connections**
No need of trained person during commissioning of transformer, saves manpower
- Quick delivery**
Can deliver 20 units / day

Our endeavour for product improvement and also continuous R&D, there may be variations in the overall dimensions/designs. Please feel free to contact us for the latest drawings.

ELECTRICAL ASSEMBLY



Detachable single sheet assembly
complete assembly replacement can be done in < 2 hours without breakdown at site

Electrically operated counter
No Malfunctioning

Printed circuit Diagram
Ease of Maintenance, saves service time

Plug-In Socket for RTCC Connections
No need of trained person during commissioning of transformer, saves manpower

Phase sequence preventer
Low chance of malfunctioning

Rise & Lower cutoff switch
Low chance of error

Simplified Wiring Circuit
Ease in Maintenance

Motor Overload protection
Safeguard the motor

POWER SWITCH ASSEMBLY



Modular, Compact design
complete assembly replacement can be done in < 8hours of breakdown at site

Assembled Barrier Board
No need of providing connections from OLTC to barrier board

Enhanced phase board Design
Elimination of carbon deposits

Quick to assemble
Easy maintenance / Quick Delivery

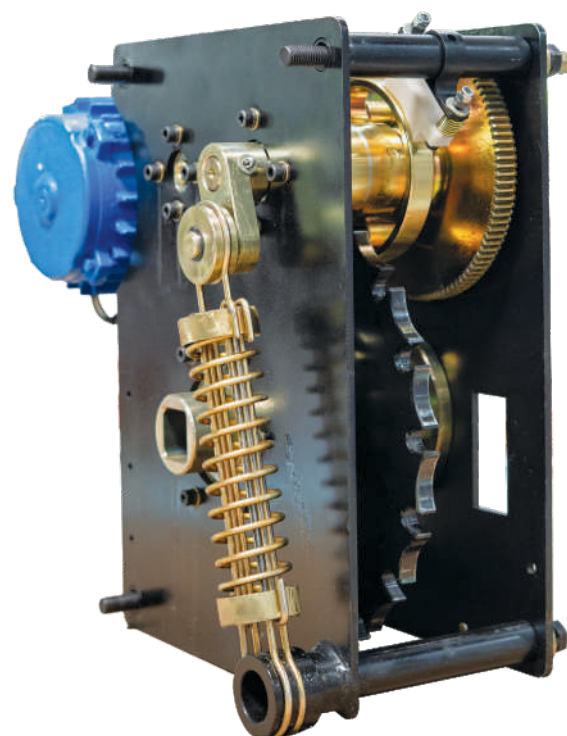
Epoxy Moulded Connections
Sturdy connections, Long life

Fixed & Moving contacts moulded together in epoxy
No misalignment

No visible wiring
Aesthetically appealing

Embedded tap lead numbers
Reliable, no chance of error

MECHANICAL ASSEMBLY



Modular Draw-out Design
complete assembly replacement can be done in < 4 hours without breakdown at site

Time to change the Tap <<12 msec
Highly stabilized voltage, quick in correcting the voltage

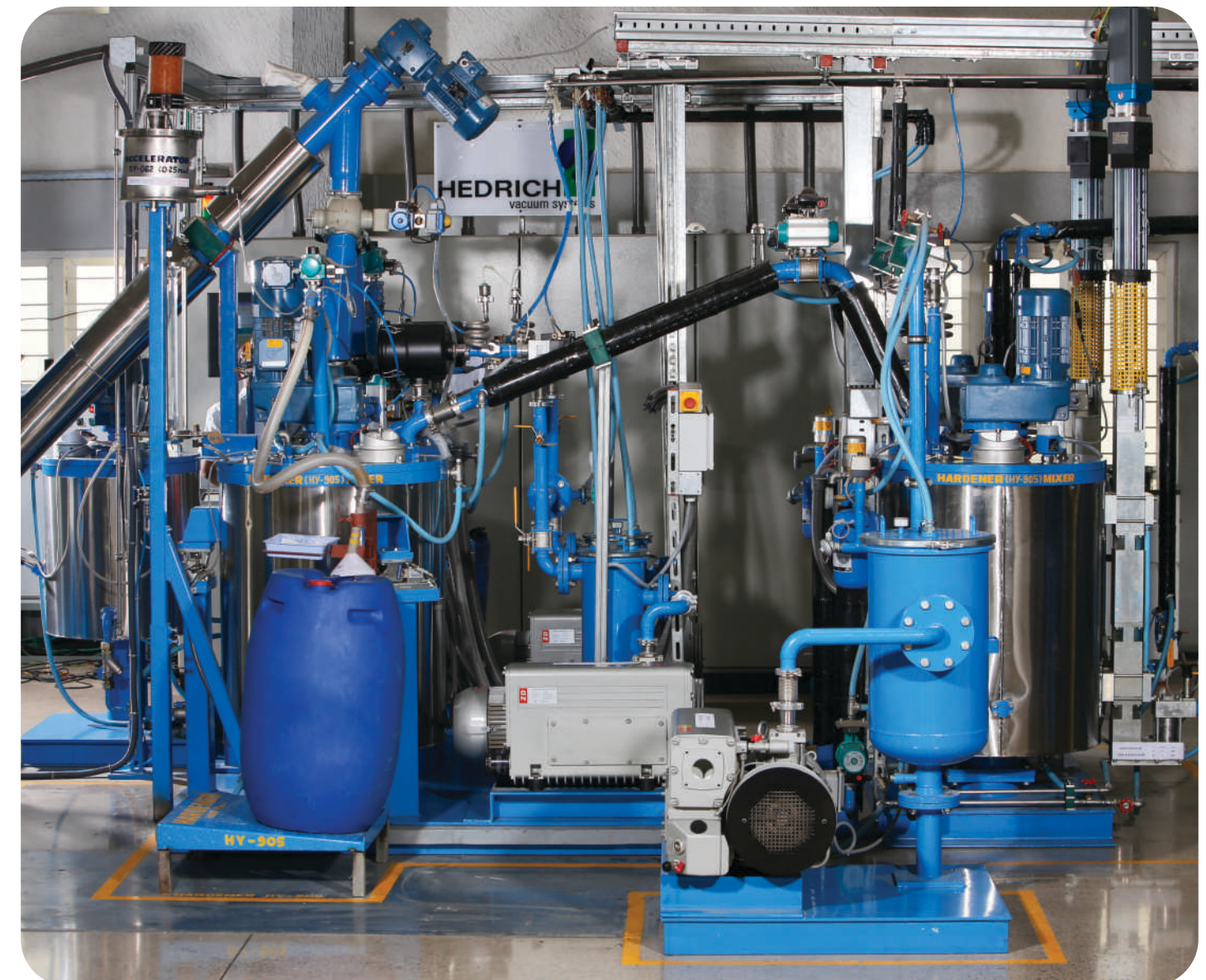
Tested for 5 lakh operations
Highly reliable, Low chance of error

Spring loaded tap changer
No malfunctioning during power failure, Longer life

Consistency in tap position alignment
'0' tolerance play leading to perfect alignment, Low carbon formation

Mechanical Locking arrangement for higher & lower tap positions
Low chance of error, Highly reliable





**We also
manufacture**

- Cast Resin Coils (Dry type) upto 5000kVA of 33Kv Class
- Remote Tap Changer Control Cubicle (RTCC)



ON LOAD TAP CHANGERS

An ISO 9001,14001 & 45001 Certified Company

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