



Company Profile



STO Group was set in 2007 and is a Sino-Germany-Group with three branch companies. These are:

STO Engineering GmbH	Technical Support and Sale
Jinan STO Machinery Co.,Ltd	Producer and Sale
STO Mexico S De RL De CV	Service and Sale

Herbert Gerlach, CEO , has been working in the transformer industry for more than 30 years and is therefore quite familiar with these machines. Thus state-of-the-art products are ensured continuously.

Furthermore Yanchao Lee, Chief Engineer, has gained experience in the transformer industry for even more than 40 years. He is responsible for the machines design, the production and the technology. Compounding the competitive price due to the production in China with the German know-how which leads to outstanding quality, allows the STO group to be a leading supplier in the transformer and generator sector. STO-Products are high in number all over the big cities in the world such as Mexico, Italy or Indonesia, Germany and so on.



Summary

Company Profile	1
Motor Generator Area	3
--Motor Winding Machine	3
--Motor Decoiler	4
--Taping Machine	5
--Hydraulic Press	6

Motor Generator Area
Motor Winding Machine



Technical Data

Rotor diameter inclusive leads	max. 5.500 mm
Centre height above floor	1.400 mm
Faceplate load	max. 20.000 kg
Faceplate	Ø1.500 mm
Turns counter	on PLC-control
Operating voltage	400V, 50 Hz, 3 phases

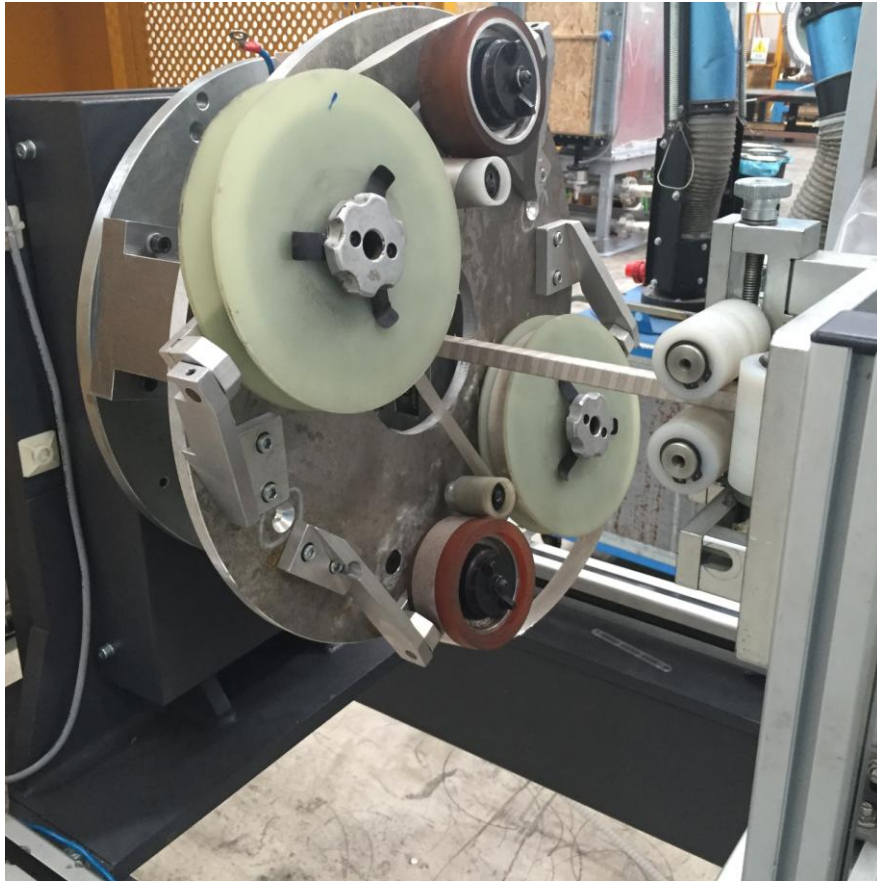
Motor Decoiler



Technical Data

Coil Weight	500~ 6.000 kg
Coil Width	350~1200mm
Coil No.	1~40
Braking Torque	Max. 2.000 Nm
Pressure	6 bar
Load	3 KVA
Power	3X380VAC

Taping Machine for Decoiler



Technical Data

Speed of winding ring max. 200 min⁻¹
Depending of the cross section of the coil, Number of Tape reels,

Max. feed / turns, Overlap, max tape width,
Automatic feeding device infinitely programmable

Reversible with switch-off possibility 2 - 32 mm

Tape supply reels 2 reels

Tape width 15 - 30 mm

Tape roll diameter inside ID = 56 / 76 mm

Tape roll diameter outside OD = 200 mm

Hydraulic Press



Hydraulic coil press, electrically heated, for the dimensional pressing of motor and rod coils.

Number of press units up to max. 20 temperature range degree C 30-280.

Standard Equipment

- ⊙ Automatic temperature control
- ⊙ Continuously selectable heating temperature
- ⊙ Programmable heating and cooling characteristics
- ⊙ Freely Programmable heating time
- ⊙ Dialog input system, Touch operation

Options

- ⊙ Protocol recording
- ⊙ Separate pressing different
- ⊙ Variable heating beam
- ⊙ Segments (dual operation)