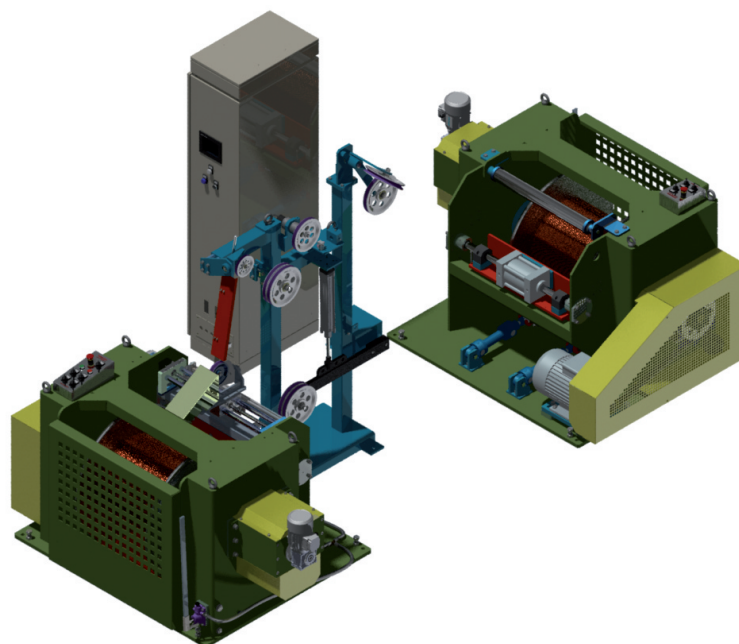


# SAM TYPE WIRE REWINDING MACHINE

## MAIN CHARACTERISTICS

- ➡ Loading and unloading of reel is performed automatically by pneumatic or hydraulic cylinder
- ➡ Pintle type design, of which one is fixed and the other is to be either manually or pneumatically activated
- ➡ Pneumatic brakes
- ➡ Motor speed control by frequency inverter controlled by magnetic flux vector
- ➡ Wire tension is maintained fixed until the reel is relieved from its fully loaded position
- ➡ Wire tension control is normally effected by pneumatic dancer and PID controlled inverter
- ➡ Dancer control by inductive analog switch
- ➡ Graphic Operation Panel that enable control of the machine and monitoring of faults.



## OPTIONS

- ➡ Placement of the reel base plate is performed by pneumatic cylinders
- ➡ Wire break control system

TECHNICAL SPECIFICATIONS	SAM 630 / 1200	SAM 800 / 1200
Line Speed	1200 m/min. (max.)	1200 m/min. (max.)
Conductor Cross Section	(0,10 - 3.00) mm <sup>2</sup>	(0,10 - 3,00) mm <sup>2</sup>
Motor Power	2 x 11 kW AC	2 x 15 kW AC
Supply Voltage	380 V / 50 Hz	380 V / 50 Hz
Compressed Air	4 - 10 bar	4 - 10 bar
Covered Area (LxWxH)	4350x1765x1955	4055x2750x1910
REEL DIMENSIONS	(Acc. to DIN 46397)	
Flange Diameter	500 - 630 mm	630 - 800 mm
Barrel Diameter	315 - 350 mm	355 - 450 mm
Bore Diameter	127 mm	127 mm
Traverse Width	400 mm	500 mm
Total Width	475 mm (max.)	540 mm
Weight	600 kg (max.)	1200 kg (max.)