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LOOP WINDING LINE LWL-4000

The loop winding line LWL-4000 is designed to produce loops from reels of insulated copper wires. It consists of a combination of three machines working together as one. The three main components are:

- a pivoting dereeler with an air tensioner device PDA-24,
- a turn taping machine TTM-600,
- a loop winder LW-4000.

These machines are controlled by a common control system including a PLC.
The bundle of magnet wires are pulled thru the loop winder by means a winch.

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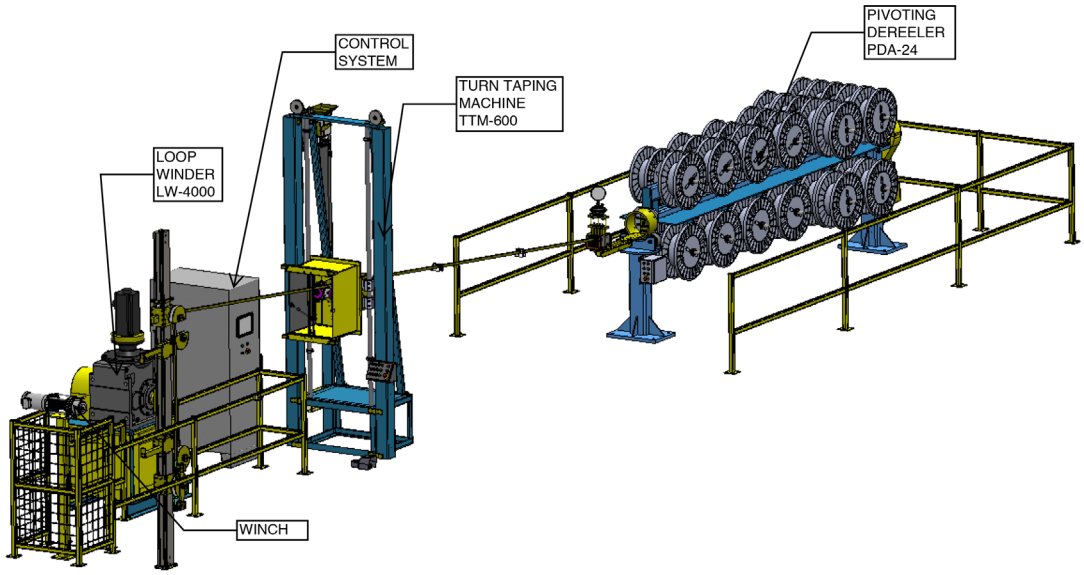

TECHNICAL DATA

Line data

Length:	693” (17 613 mm)
Depth:	141” (3 581 mm)
Height:	148” (3 759 mm)
Working height:	48” (1 219 mm)
Supply voltage:	480 V / 60 Hz / 3 Ph
Power consumption:	20 A
Air pressure:	80 PSI (5.5 bar)
Air consumption:	0.5 SCFM
Max. rot. speed of winding bar:	15 RPM
Max. output torque:	13 275 lbf.ft (18 000 N.m)
Rated output torque:	8 500 lbf.ft (11 500 N.m)

Flat coils:

Max. eye pin distance:	131” (3 327 mm)
Ext. max. eye pin distance:	159” (4 040 mm)

Strand dimensions:

Max. strand width:	0.5” (13 mm)
Max. strand height:	0.2” (6.5 mm)