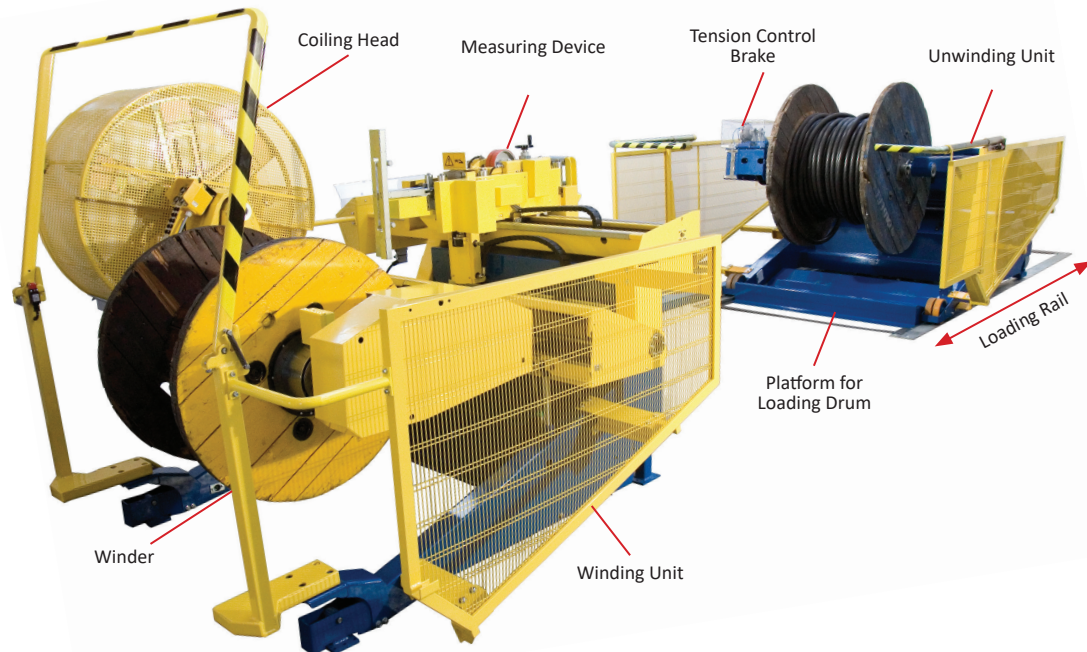


## Automated Systems

### LINAP Series - Semi-Automatic High Speed (Winding / Unwinding)



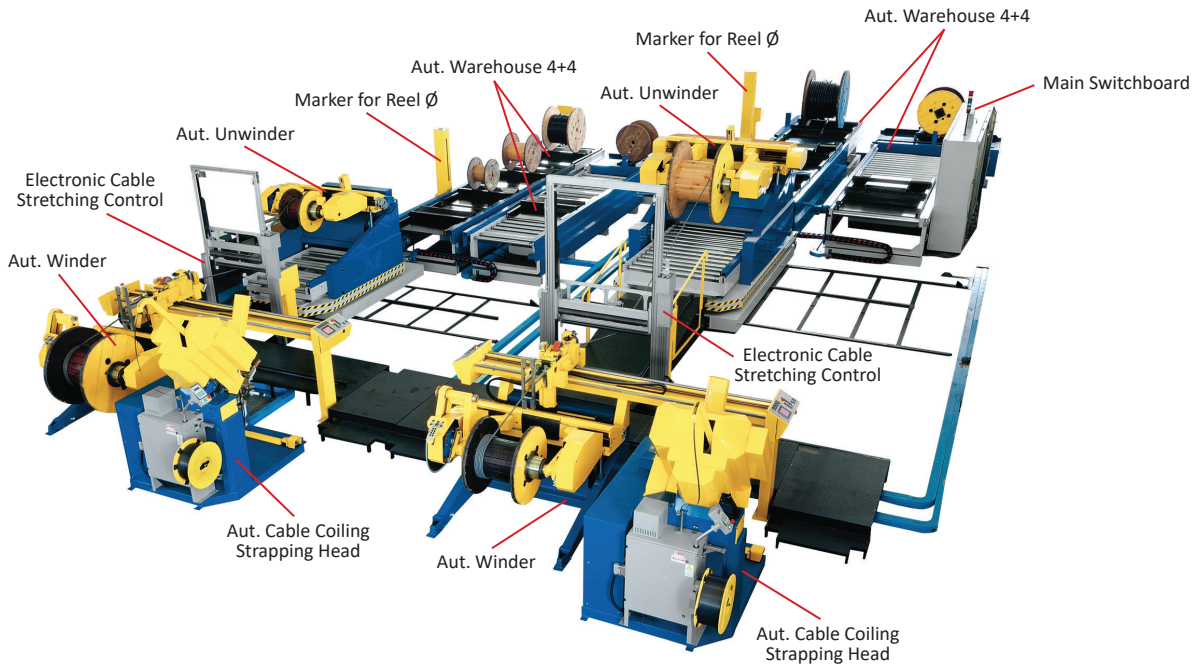
#### LINAP Semi-Automatic Systems providing:

- Mobile Payoff (Unwinder) on rails
- Drum unrolling platform
- Software interface for automated operating cycle
- Units for 3000, 4000, 6000 & 10,000kg
- Performance +50% compared with basic machines
- Automatic layering
- Unwinding operation to fasten cable on the winder and recover remaining cable at end of cycle
- Remote control taking cable to the winder and recovery of remaining cable
- Automatic, compressed air controlled, cable stretching
- Winding cycle PLC controlled

Order Ref.	Overall Dimensions (L x W x H mm)	Weight (kg)	Drum Dimensions (mm)					Max. rpm Winding / Unwinding	Compressed Air	Total Power (Kw)
			∅ Min.	∅ Max.	Width (Min.)	Width (Max.)	Weight (kg)			
LINAP-15-30	12000 x 2500 x 1600	2500	600	1600	300	1150	3000	240	✓	15
LINAP-22-40	14000 x 3000 x 1700	4000	600	2200	400	1480	4000	100	✓	20
LINAP-26-60	14000 x 3000 x 1700	4000	800	2600	400	1480	6000	100	✓	20
LINAP-26-100	14000 x 3000 x 1700	4000	800	2600	400	1480	10000	100	✓	20

Order Ref.	Pneumatic Stretching Control (kg)	Working Speed (M/min Max.)	Cable Measuring Head		Accuracy (% Max.)	Coil Dimensions (mm)					Automatic Cable Layering	
			Min. (mm)	Max. (mm)		Inside Fixed Diameter			∅ Ext. Max.	Fixed Widths		
LINAP-15-30	20 - 100	300	4	60	±0.4	320	420	520	890	120	240	✓
LINAP-22-40	20 - 100	100	4	60	±0.4	320	420	520	890	120	240	✓
LINAP-26-60	20 - 100	100	4	100	±0.4	320	420	520	890	120	240	✓
LINAP-26-100	20 - 100	100	4	100	±0.4	320	420	520	890	120	240	✓

## AUTOMAT 300 Series - Fully Automated Cable Handling Systems



### Modular work platforms providing:

- Payoff with automatic high-adhesion grippers
- Automatic electronic cable stretching control
- Drums supplied on pallets from the side, or from the front, by fork-lift or transfer conveyor
- Horizontal & vertical guide rollers, with automatic opening & closing, for correct cable feeding
- Automatic cable diameter measurement
- Combination of winding & coiling (automatic changing of winder functions - only one winder required)
- Keyboard position of drums (U6 to U16)
- Automated coiler with cable strapping - 3 x 120°
- Automatic drum marking
- Automatic conveyor supplying three drums for processing and replacing three drums (no standstill time)
- Can be integrated with customer order / service software
- Hardware for remote control system inspection

Order Ref.	Overall Dimensions (L x W x H mm)	Weight (kg)	Drum Dimensions (mm)					Max. rpm Winding / Unwinding	Compressed Air	Total Power (Kw)	Electronic Stretching Control (kg)	Pneumatic Stretching Control (kg)
			Ø Min.	Ø Max.	Width (Min.)	Width (Max.)	Weight (kg)					
300-AP-F-14-20	16000 x 5500 x 3000	3400	600	1400	300	930	2000	240	✓	32	7 - 100	-
300-B-F-14-20	16000 x 5500 x 2000	3400	600	1400	300	930	2000	240	✓	32	-	20 - 100
300-AP-F-16-30	16500 x 5600 x 3000	4300	600	1600	300	1150	3000	240	✓	42	7 - 100	-
300-B-F-16-30	16500 x 5600 x 2000	4300	600	1600	300	1150	3000	240	✓	42	-	20 - 100
300-AP-F-26-50	22700 x 6000 x 3400	6000	800	2600	430	1480	5000	150	✓	60	7 - 200	-
300-B-F-26-50	22700 x 6000 x 3400	6000	800	2600	430	1480	5000	150	✓	60	-	20 - 200

Order Ref.	Automatic Grippers	Working Speed (M/min Max.)	Automatic Strapping	Cable Measuring Head		Accuracy (% Max.)	Coil Dimensions (mm)					Automatic Cable Layering	Conveyor Capacity (Loading / Unloading)	
				Min. (mm)	Max. (mm)		Inside Fixed Diameter	Ø Ext. Max.	Fixed Widths					
300-AP-F-14-20	✓	500	✓	4	60	±0.4	320	420	520	890	120	240	✓	3
300-B-F-14-20	✓	400	-	4	60	±0.4	320	420	520	890	120	240	✓	1
300-AP-F-16-30	✓	500	✓	4	60	±0.4	320	420	520	890	120	240	✓	3
300-B-F-16-30	✓	400	-	4	60	±0.4	320	420	520	890	120	240	✓	1
300-AP-F-26-50	✓	500	✓	4	100	±0.4	320	420	520	890	120	240	✓	3
300-B-F-26-50	✓	400	-	4	100	±0.4	320	420	520	890	120	240	✓	1