



NZ - 01 Fishing line winder



Machine application:

The machine is the final element in the technological process of the line production. It is designed to wind up ready-made product on disk spools.

Machine description:

Machine is designed as two-sided make. 12 winding units are situated on each machine side. One winding unit serves to take up one monofilament. Each winding unit is provided with two spindles where winding is performed on one of them while on the other one at the same time a fully wound up beam is taken off and an empty spool is put on.

The spindle drive motors are energized through inverters, so their torque and in consequence the tension of monofilament being wound up is easy to adjust.

Guiding mechanism (one unit per one winding unit) guides monofilament over a spool.

Velocity of guides is adjusted with a central potentiometer situated under the winding adjustment system.

Single monofilaments are guided between the separating comb pins onto the backfall roller and the lamella-type detector of missing monofilament.



Technical data of fishing line winder NZ-01:

Description:	Unit:	Quantity:
Number of winding points	pcs	24
Number of spindles	pcs	48
Line thickness	mm	0,08 – 1
Receive package bobbin (variant I / variant II):		
- hole diameter	mm	22 / 22
- package diameter	mm	124 / 100
- disk diameter	mm	200 / 160
- length	mm	200 / 160
Winding speed	m/min	30 – 60
Guiding mechanism:		
- thread guide length max.	mm	129 / 160
- thread guide per revolution	mm/rev	3
Overall dimensions (length x width x height)	mm	3260 x 1400 x 1800
Weight of the machine	kg	750
Power installed	kW	3
Power supply	V	3 Ph 400 N/PE
Control voltage	VDC	24
Supply voltage frequency	Hz	50 – 60