



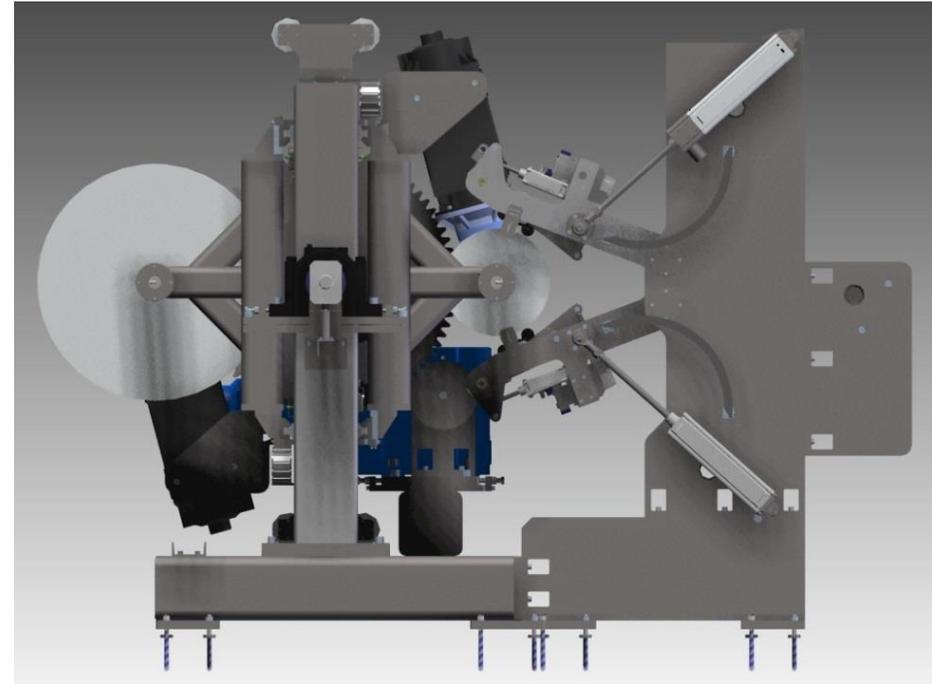
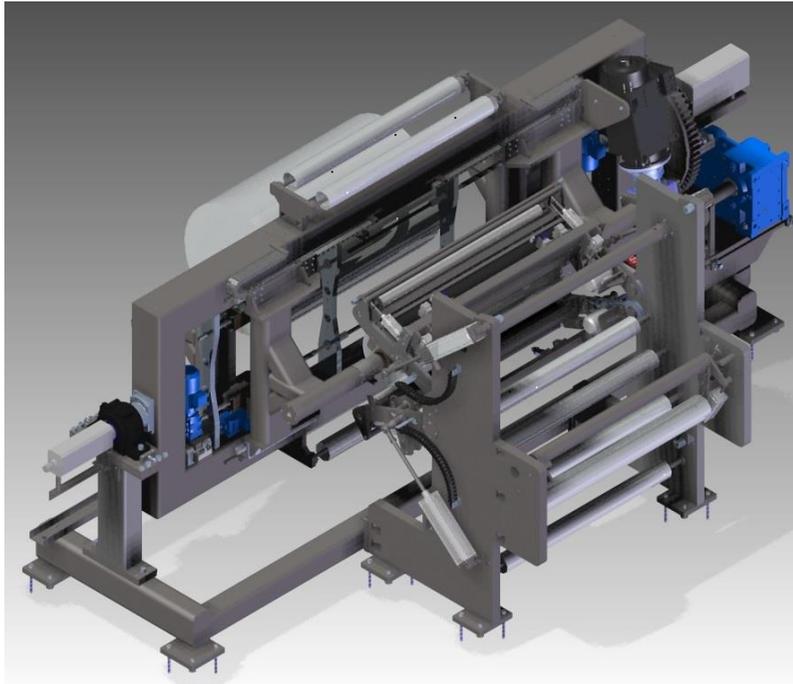
UNWINDER SHAFTLESS

SINCE 1960



SUNG AN MACHINERY CO., LTD.

Unwinder Shaftless



Technical data

-Machine speed	max. 600 m/1'
-Reel weight	max. 2.800 kg
-Reel diameter	up to 1500 mm
-Web width	from 1000 up to 2800
-Core diameter	3 / 6 / 8 / 10 inch
-Side lay adjustment	+/- 50 mm
-Smallest reel diameter for splicing	280 mm

Features

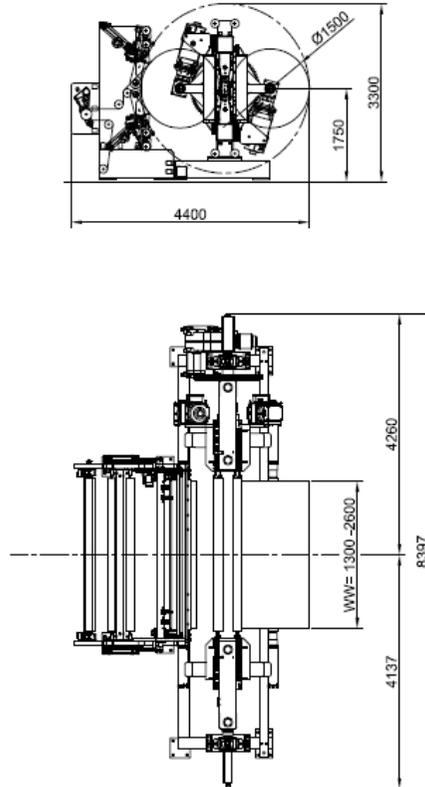
- Loads two full reel with different widths
- Intuitive touch screen control in color
- Shaftless with large chucking range
- Fully automatic and manual operation, that means after actuation of the push button «preparation executed» the splice operation runs automatically without intervention of the operator
- Semi automatic and manual operation, that means the turret rotation and the splice will be release by the operator
- Both sense of unwinding at full production speed
- With ultrasonic sensor for reel synchronisation
- Tail lenght control for a max. tail length of 400 mm
- Splicing in automatic mode based on roll diameter
- Maintenance-free AC drives with energy regeneration

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Overall dimensions



			NOTE		SUNG AN MACHINERY CO., LTD.				
					DATE	DRW	DES	CHK1	CHK2
					DATE	BEM			
REVISION	DATE	DES	TITLE		QTY/SET	SCALE	PRODUCT		
			UNWINDER LAYOUT		2014.01.27		ALCAN KAPPA		
WEIGHT					QTY	PLTN	UNLAD	140127-Rev.0	

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Dancer Roll (web tension control)



Features

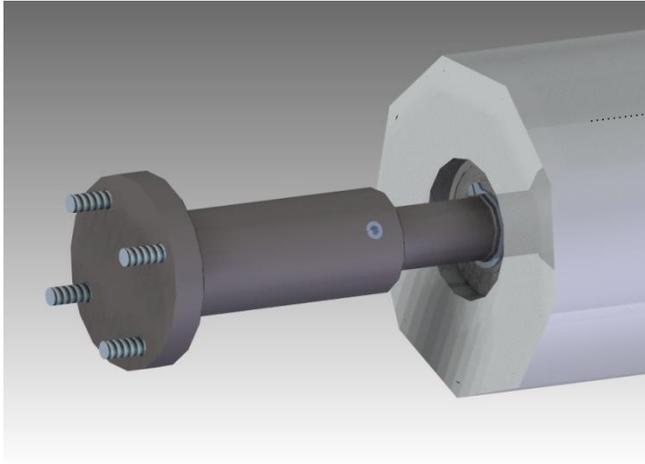
- Mass optimized
- Geometry optimized
- Accurate tension control by low friction pneumatic cylinder
- Dancer roll position detected by precision potentiometer
- Dancer moves - poti gives signal - motor to bring dancer back in vertical pos.

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Satellite rolls

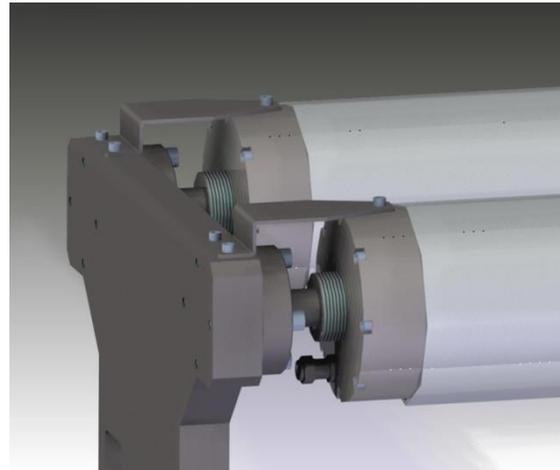


or



Idle roll

Tendency drives



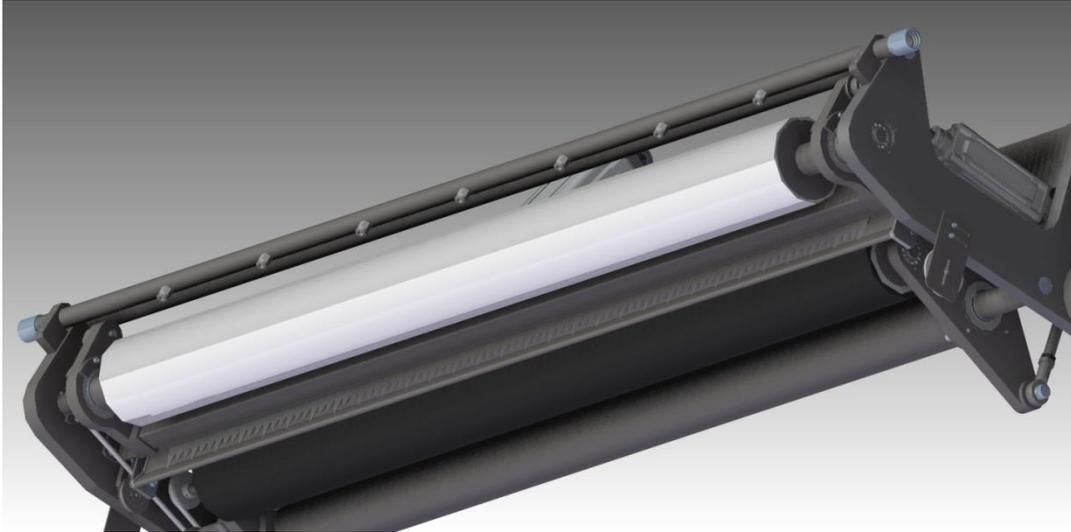
-Drive by AC motor integrated in roll design

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Splicing arms



Feature

- Driven bumper roll by servo motor for exact speed
- Tail blow-off
- Knife protection in park position



Tail blow-off

- Preventing tail of expiring roll to be pulled with by new roll and cut at knife
- For over-winding mode
- Tube across the web with little holes
- Simple on/off valve from pneumatic supply
- Enabled after web cutting for about 2 sec