

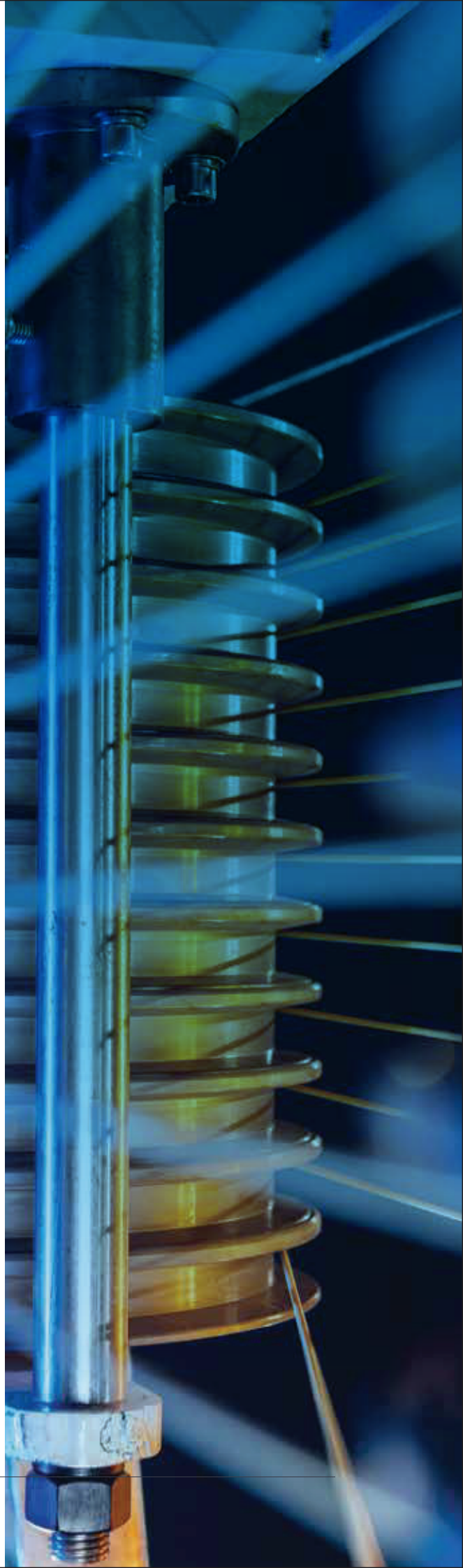
Kullanıcı dostu kolay kontrol üniteleri
User-friendly control units

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ABOUT US

We offer solutions suitable for your machinery and system needs thanks to our 10 years of experience in the cable & wire industry. With our project development approach in which technical requirements are determined in the light of customer needs; We hope to cooperate with you in this process where we aim to reflect all your expectations into your production process



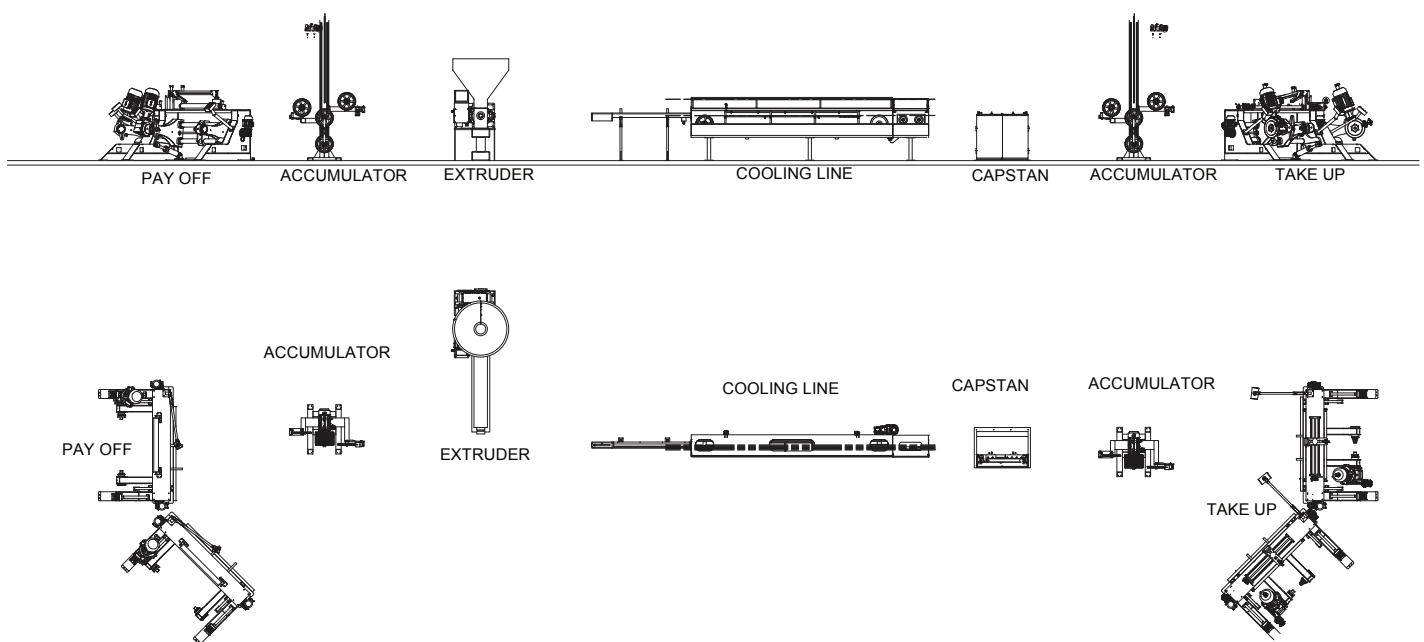
EXTRUSION LINE



- Suitable to work with PVC-HFFR-XLPE-PE insulation materials
- Single, Tandem, Co-extruder line solutions
- Line solutions that meet expectations with different capacity options [kgs]
- Different preheating options based on different product types
- Automatic raw material dosing unit integration
- Line-integrated spark test, diameter measurement, quantity control and drying units
- Suitable Pay-Off / Double Pay-Off / Take-Up options according to drum type
- Cooling unit options and custom made designs suitable for variable line speed and application areas
- Accumulator units compatible with line speed
- Adaptation availability to various types of extruder units, pay-offs and take-ups
- Reel changing possibility without stopping the line
- Auxiliary extruder can be added according to customer expectations
- PLC Control and line optimization benefits according to customer requirements for increasing production efficiency
- Availability to add control equipment to the line based upon customer requests [Spark tester, diameter gauge, etc.]

TECHNICAL DATA

Model.	Material	Unit/Model	EX-45	EX-60	EX-90	EX-100	EX-120
Screw Diameter	-	mm	45	60	90	100	120
Screw Rotation	-	rpm	180	150	120	110	90
Motor Power	-	kW	35	75	92	155	210
Material /Capacity	PVC	kg/hour	100	200	300	450	800
	HFFR	kg/hour	110	150	260	400	650
	XLPE	kg/hour	75	110	180	200	450



COOLING SYSTEM

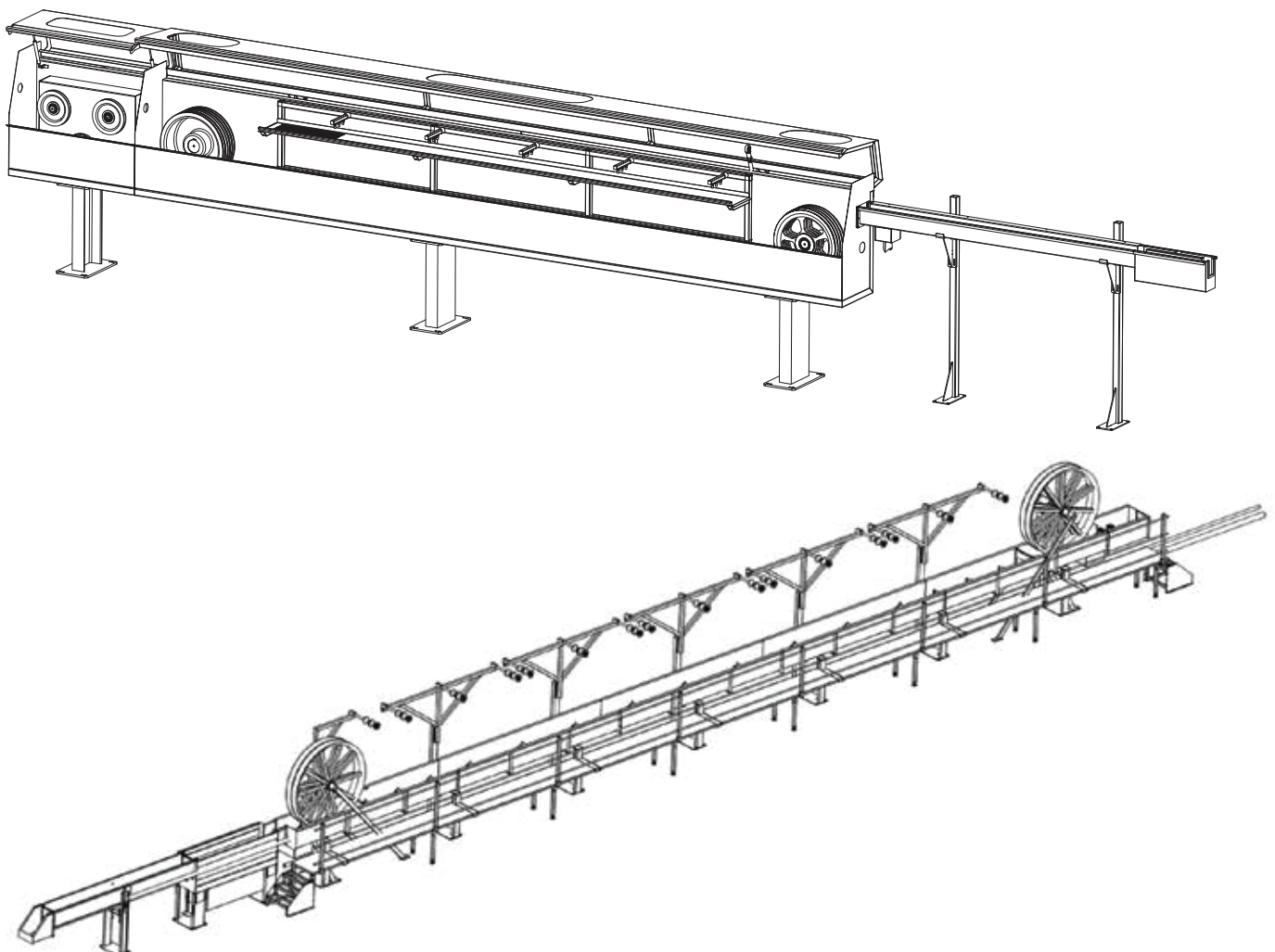


- Non-motorized and motorized pulley type and channel type model options
- Special designs that provide effective cooling in short distances
- Stainless 304-316 material options
- Stainless galvanized or static painted leg model options
- Pneumatic or manual cover options
- Custom made design and production possibilities in accordance with customers special requests and expectations

TECHNICAL DATA

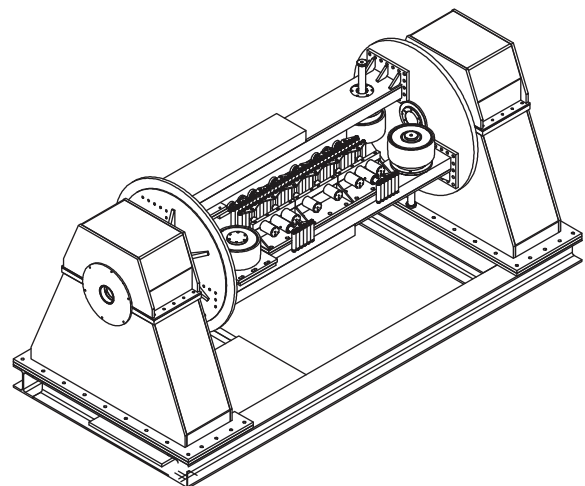
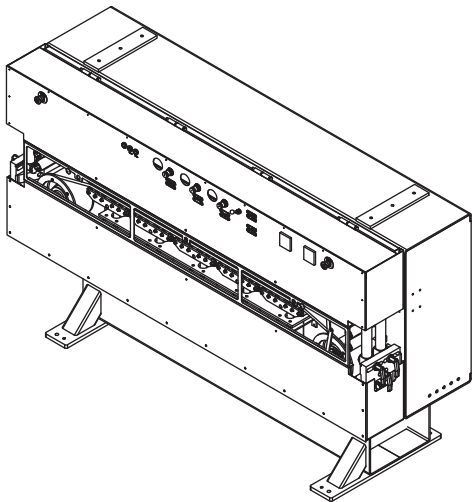
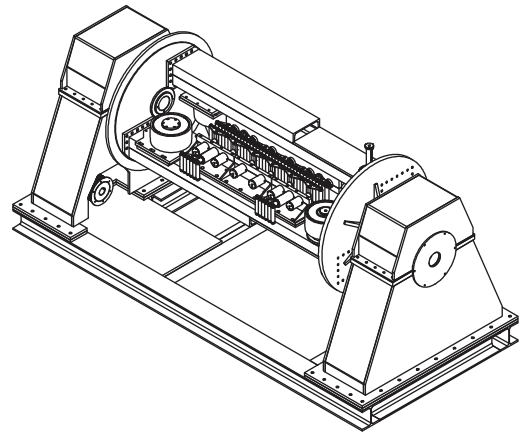
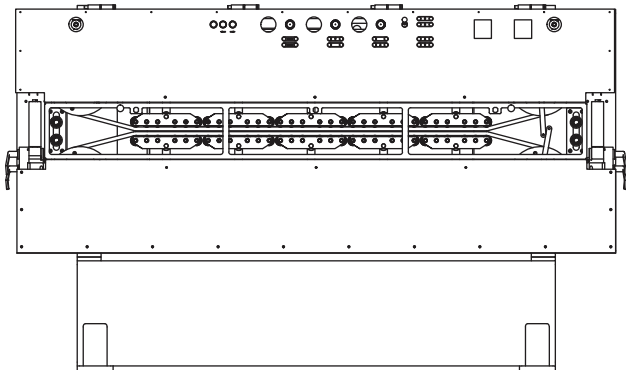
Description	Unit/Model	CL-SPRAY	CL-DROP	CL-SINGE
Pulley Diameter	mm	400	25	-
Line Speed	m/min	600-1200	300-600	0-300
Material	-	Stainless steel 304	Stainless steel 304	Stainless steel 304
Motor Power	kW	2,2 kW**	Without motor	Without motor

** Only for capstan type



- Rotary and static model options
- Variable models with different tensile force and working length
- Adjustable rollers
- Suitable models for different line speeds
- Custom made design opportunity upon customers expectations and special requests

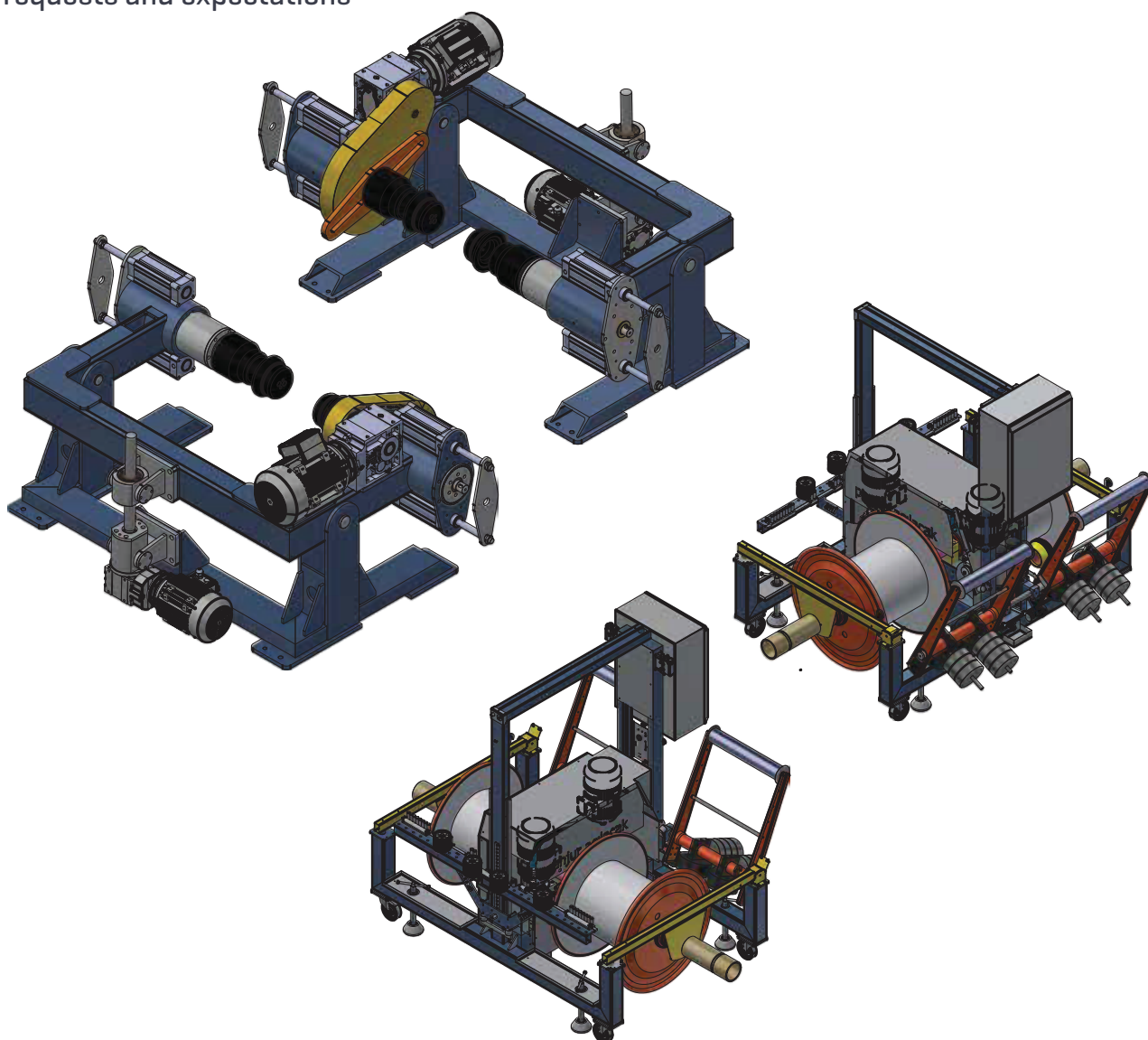
TECHNICAL DATA						
Description	Unit/Model	Cat-750	Cat-1000	Cat-1500	Cat-2000	Cat-2500
Working Length	mm	750	1000	1500	2000	2500
Pulling Force	kg	900	1250	1900	2600	3200
Belt Width	mm	100	100	120	160	160
Number of Roller Groups	pcs	3x2	4x2	6x2	8x2	10x2
Cable Diameter Ø	mm	5-40	5-60	10-80	15-100	15-130
Line Speed	m/min	120-180	100-150	100-150	60-100	40-60
Motor Power	kW	3	4	5,5	7,5	7,5



PAY-OFF

FILECSO

- Variable model options which are suitable for different types of drums
- Variable model options that provide easy drum loading and unloading
- Tailstock options which are suitable for different drum bore diameters
- Model options available that allow working with single or multiple drums
- Easy to integrate to production lines
- Suitable model options for carton and steel baskets
- Pneumatic & Hydraulic & Motorized drum loading and holding systems
- Pneumatic & Mechanical , Automatic wire tension control systems
- User-friendly control units
- Guiding roll and pulley groups (Ceramic Coated, Steel, Ulpolen) suitable for each product type and requirements
- Custom made design and production possibilities in accordance with customers special requests and expectations



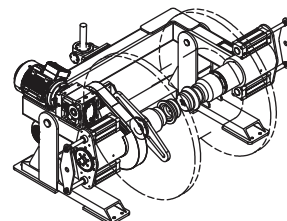
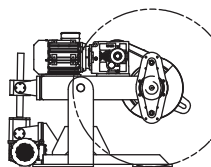
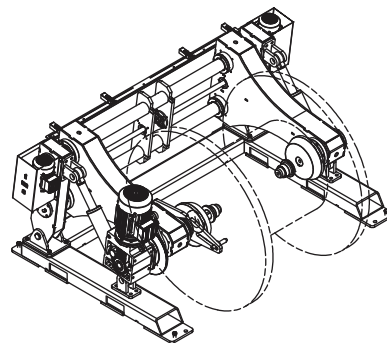
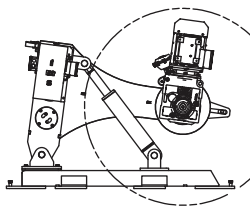
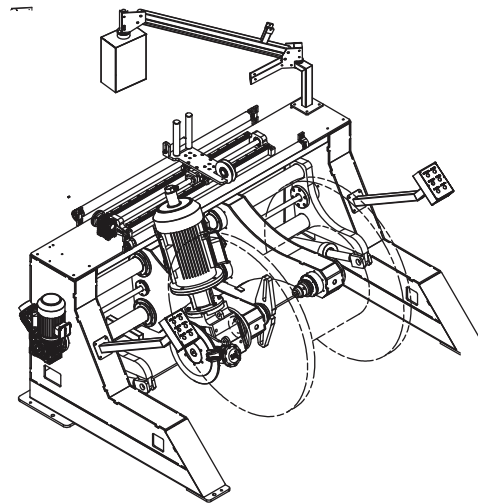
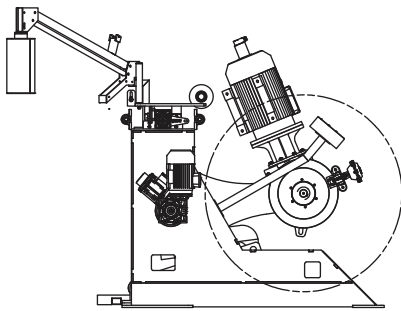
“ You can find all models and their technical details on our Pay-Off leaflet “

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TAKE-UP

FILECSO

- Variable models which are suitable for different types of drums
- Variable model options that provide easy drum loading and unloading
- Tailstock options which are suitable for different drum bore diameters
- Model options available that allow working with single or multiple reels
- Easy to integrate to production lines
- Precise winding traverse systems
- Pneumatic & Hydraulic & Motorized drum loading and holding systems
- Pneumatic & Mechanical , Automatic wire tension control systems
- User-friendly control units
- Guiding roll and pulley groups (Ceramic coated, Steel, Ulpolen) suitable for each product type and requirements
- Custom made design and production possibilities in accordance with customers special requests and expectations



“ You can find all models and their technical details on our Take-Up leaflet “

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ACCUMULATOR



- Easy and quick installation
- Minimum maintenance requirement
- Precise pneumatic balancing
- Variable machine & model option according to customer needs [size, position etc.]
- Variable design options according to target line speed and cable stock level expectations
- Vertical and horizontal design options for limited spaces
- Polyamide, aluminum, steel or ceramic coated pulley options

TECHNICAL DATA

Description	Unit/Model	ACH-40	ACH-630	ACH-800
Cable Max. Diameter	Ø mm	16	25	30
Pulley Diameter	mm	400	630	800
Pulley Diameter/Surface*	-	Optional	Optional	Optional
Number Of Pulleys (N)	pcs	10	10	10
Overall Height S=Accumulator Stroke Length	S=2 m	2765	3000	3165
	S=2,5 m	3265	3495	3665
	S=3 m	3765	3995	4165
Width	B1 mm	600	850	1000
	B2 mm	600	850	1000
Total Stroke 2 x N x S	S=2 m	40	40	40
	S=2,5 m	50	50	50
	S=3 m	60	60	60

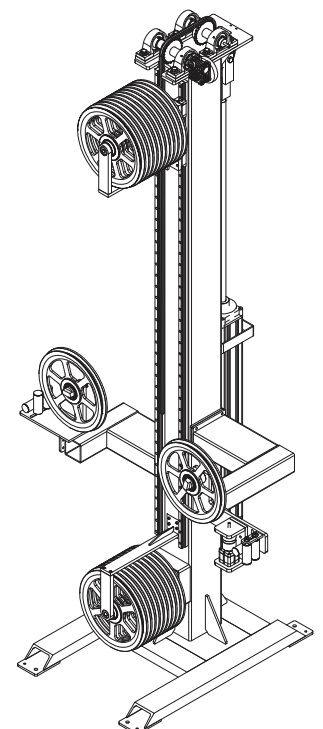
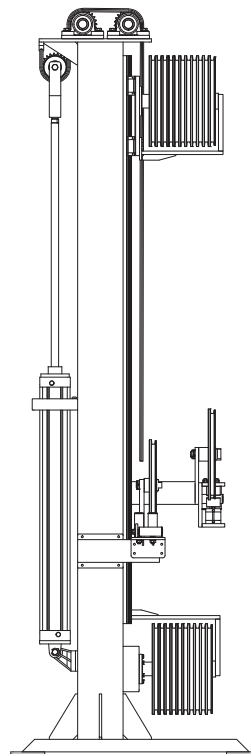
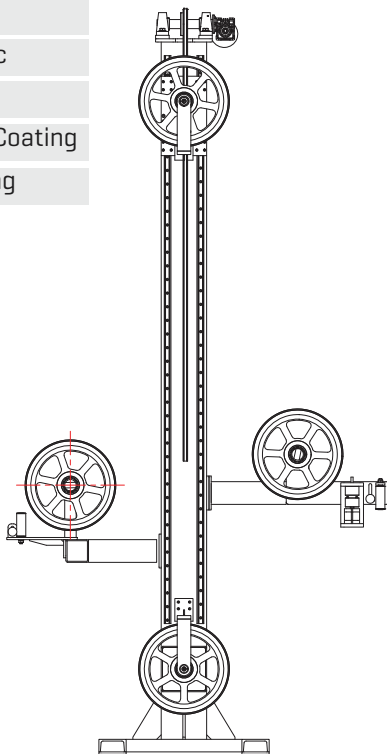
Pulley Options*

Coated with Ceramic

Polyamide

Aluminium without Coating

Steel without Coating



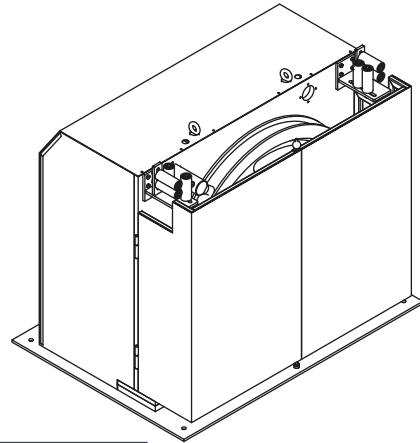
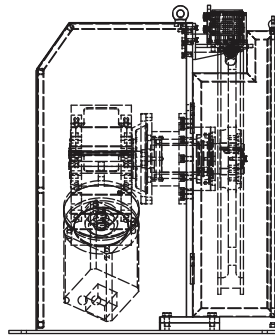
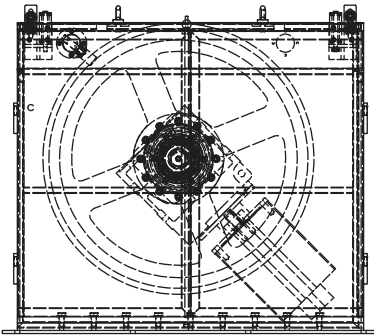
CAPSTAN



- Different tensile strength options
- Different models for maximum product diameter
- Variable speed options compatible with production line speed
- Easy to integrate to the production line
- Bare or Coated pulley options
- Easy to operate
- High safety standards
- Less maintenance requirement

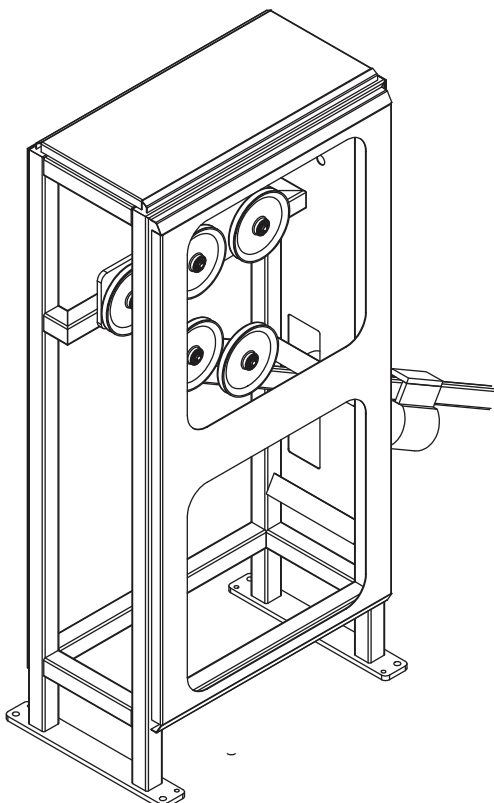
TECHNICAL DATA

Description	Unit/Model	CAP-315	CAT-450	CAT-500	CAT-800	CAT-1000
Pulling Force Max	N	200	350	700	1250	1800
Max Cable Diameter Ø	mm	10	12	16	25	32
Max Line Speed	m/min	2500	2000	1000	500	350
Motor Power	kW	2,2	2,2	3	4	4



DANCER

- Solutions for different line speeds
- Pneumatic, Mechanical & Servo controlled tension options
- Custom made designs according to production line requirements
- Plastic or Ceramic coated steel reel options
- Adjustable tension control



Pulley Options*

Coated with Ceramic

Polyamide

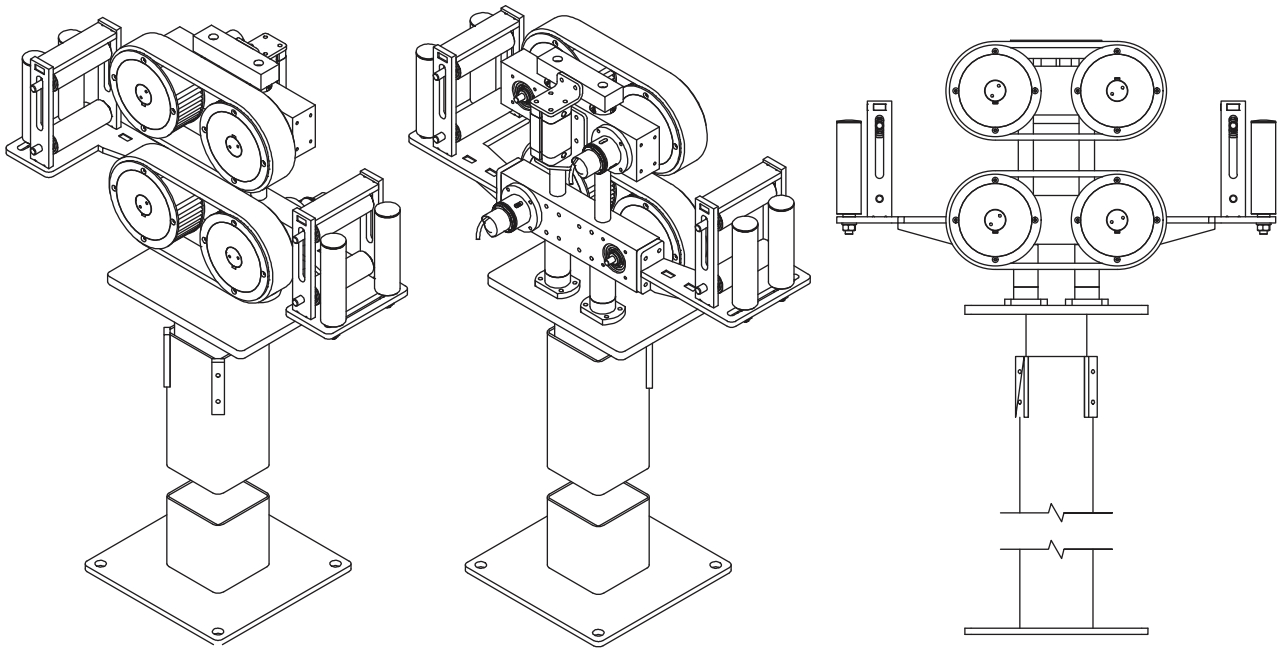
Aluminium without Coating

Steel without Coating

LENGTH COUNTER

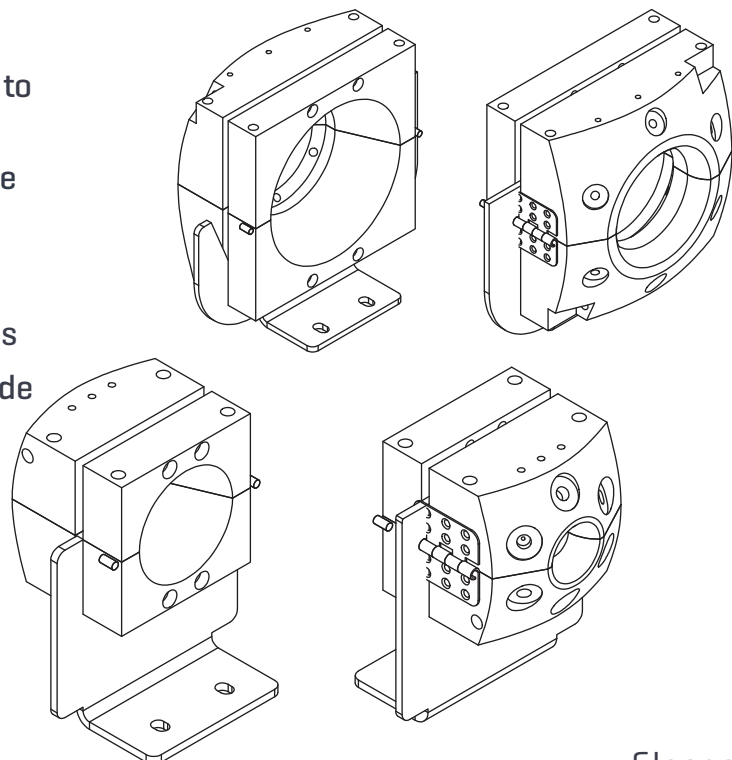
FILECSO

- Belt type measuring systems
- Suitable integration possibility for every type of line with adjustable height
- Mechanical or Digital metering options
- Line stop & warning options according to the set metering value
- Guide roller options suitable for different product types (Ceramic Coated, Ulpolen etc.)



AIR WIPER

- Two different model options
- Custom made production according to the product cross-section
- Easy to apply to the production line
- Ceramic interior surface options
- Efficient drying performance with adjustable air consumption models
- Different model options that provide easy product transition

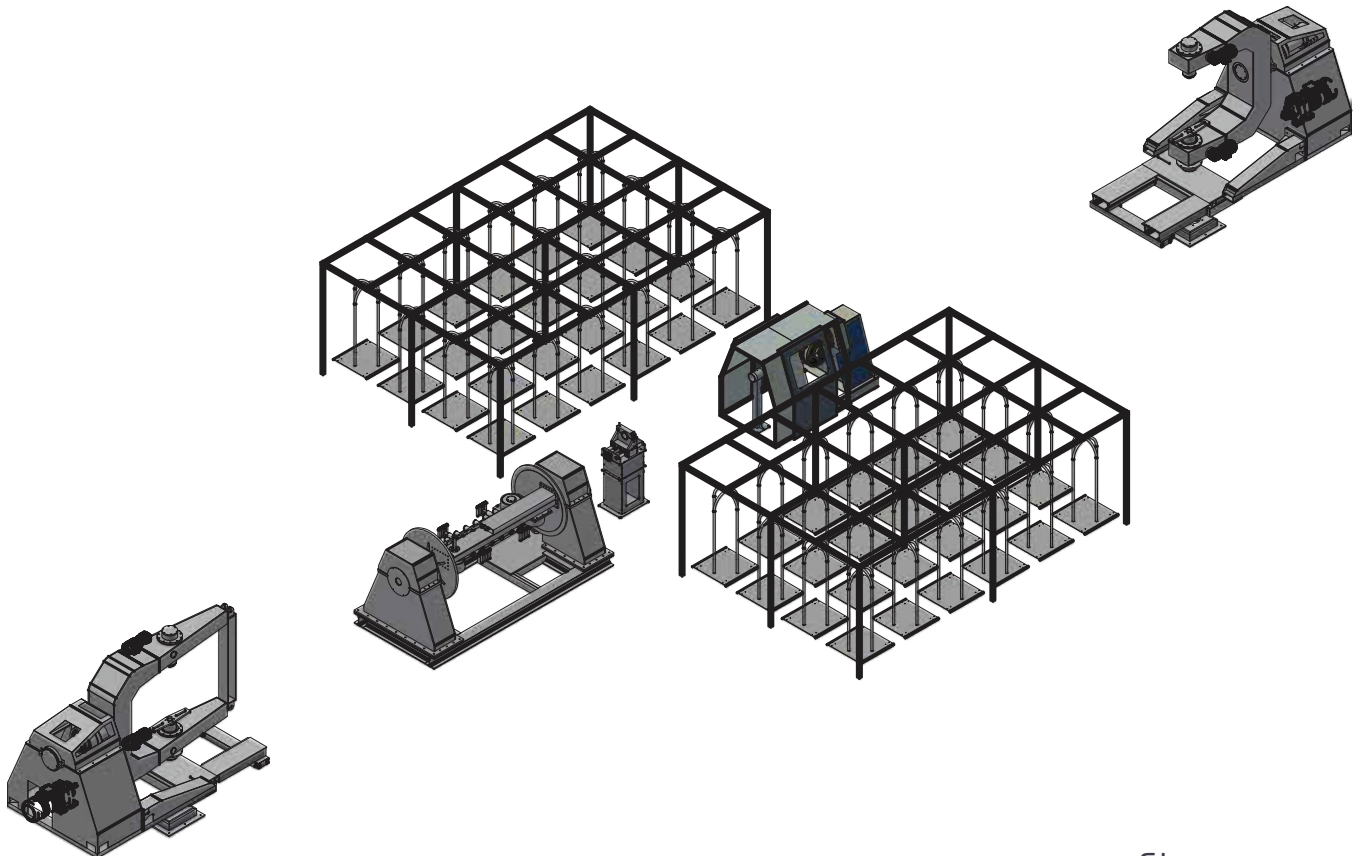


ARMORING LINE



- Rotary pay-off option for variable drum types
- Rotary caterpillar options suitable for different cable types
- Basket and spooler pay-off options are available according to armor wire
- Tangential tapping options suitable for different tapping needs
- Rotary Take-Up for variable drum types
- PLC controlled control unit
- Control unit options that can be integrated onto the line according to customer requests

TECHNICAL DATA		
Description	Unit/Model	Value
ROTATING TYPE-PAY OFF		
Drum Diameter Range	Ø mm	Up to 1600
Wire or Cable Diameter Ø	mm	Up to 60
Line Speed	rpm	80
BASKET PAY-OFF		
Basket Outer diameter	Ø mm - Lmm	Ø600-800
Basket Capacity	piece	24+24
Armoring Wire Ø	-	Adjustable
ROTATE TYPE CATARPILLAR		
Working Length	mm	1500
Pulling Force	kgF	2000
Number of Roller Groups	pcs	6x2
Cable Diameter Ø	mm	Up to 60
TAPING UNIT		
Type	-	Tangential
Tape	-	Steel / Copper / Aluminium etc
Pad Number	piece	2
Tape Diameter	mm	600
Tape Width	mm	10-60
ROTATING TYPE TAKE UP		
Drum Diameter Range	Ø mm	Up to 2000
Wire or Cable Diameter Ø	mm	Up to 60



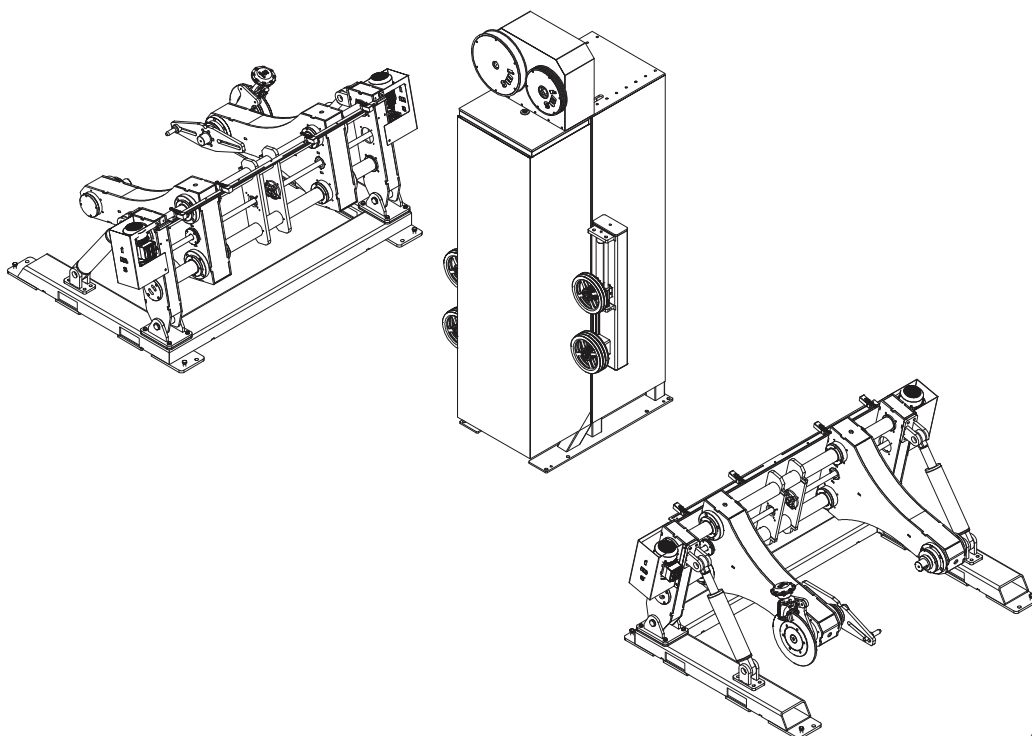
VERTICAL TAPING LINE



- Pay-Off from drum or basket according to customer requirements
- Possibility to work with Mica, Polyester and other types of tapes
- Tape break detection and automatic stop
- Wire brake detection and automatic stop
- Spare tape placing area
- Easy adjustment of lay length, band thickness, tension, speed and other variables with ergonomic and user friendly PLC interface
- Take-Up options with hydraulic, electromechanical and pneumatic infrastructure
- Pay-Off and Take-Up model options which are suitable for different drum types

TECHNICAL DATA

Model	Unit/Model	TVS-300	TVD-300
Head	mm	Single	Double
Extra Tape Stock for Each Head	pcs	1	1
Max Pad Outer Diameter	mm	300	300
Pad Inner Diameter	mm	76	76
Tape Width Range	mm	4-20	4-20
Max Mechanical Speed	rpm	3000	3000
Tape Tension	N	5-40	5-40
Pay-Off Drums	DIN	From DIN 400 to DIN 1250	From DIN 400 to DIN 1250
Take-Up Drums	DIN	From DIN 400 to DIN 1250	From DIN 400 to DIN 1250
Basket Type Pay-Off	-	Available	Available

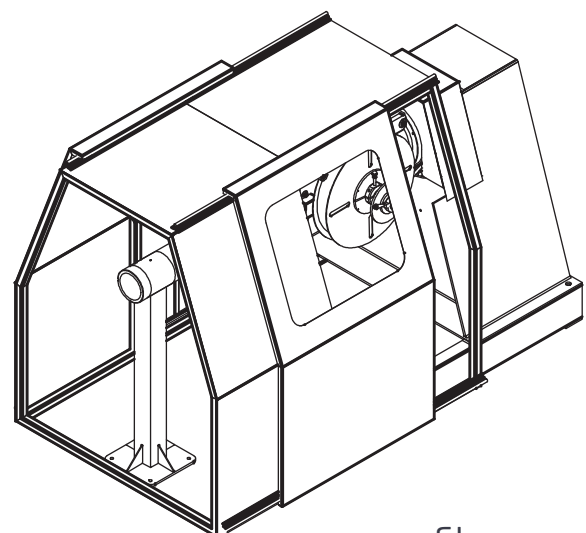
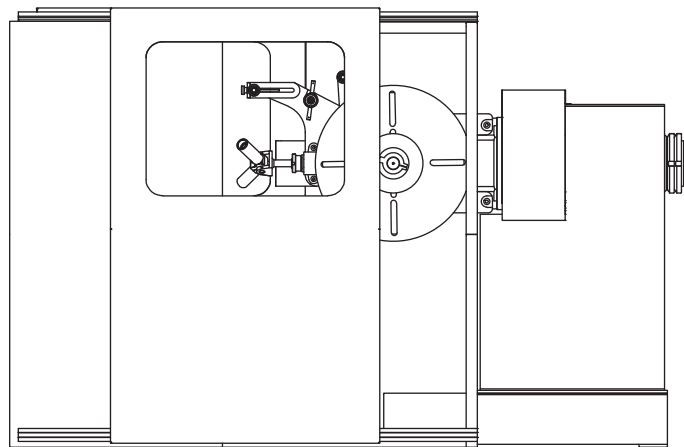
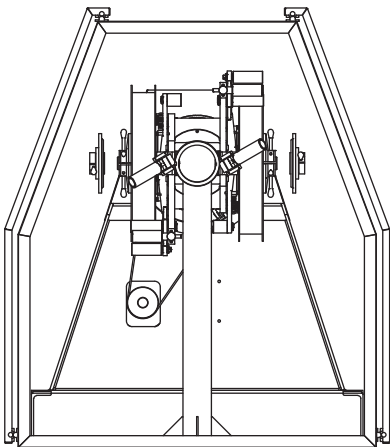


HORIZONTAL TAPING LINE

- Possibility to work with Mica, Polyester and other kind of tapes
- Tape break detection and automatic stop
- Wire brake detection and automatic stop
- Spare tape placing area
- Easy adjustment of lay length, band thickness, tension, speed etc. with ergonomic and user friendly PLC interface
- Tangent and concentric options

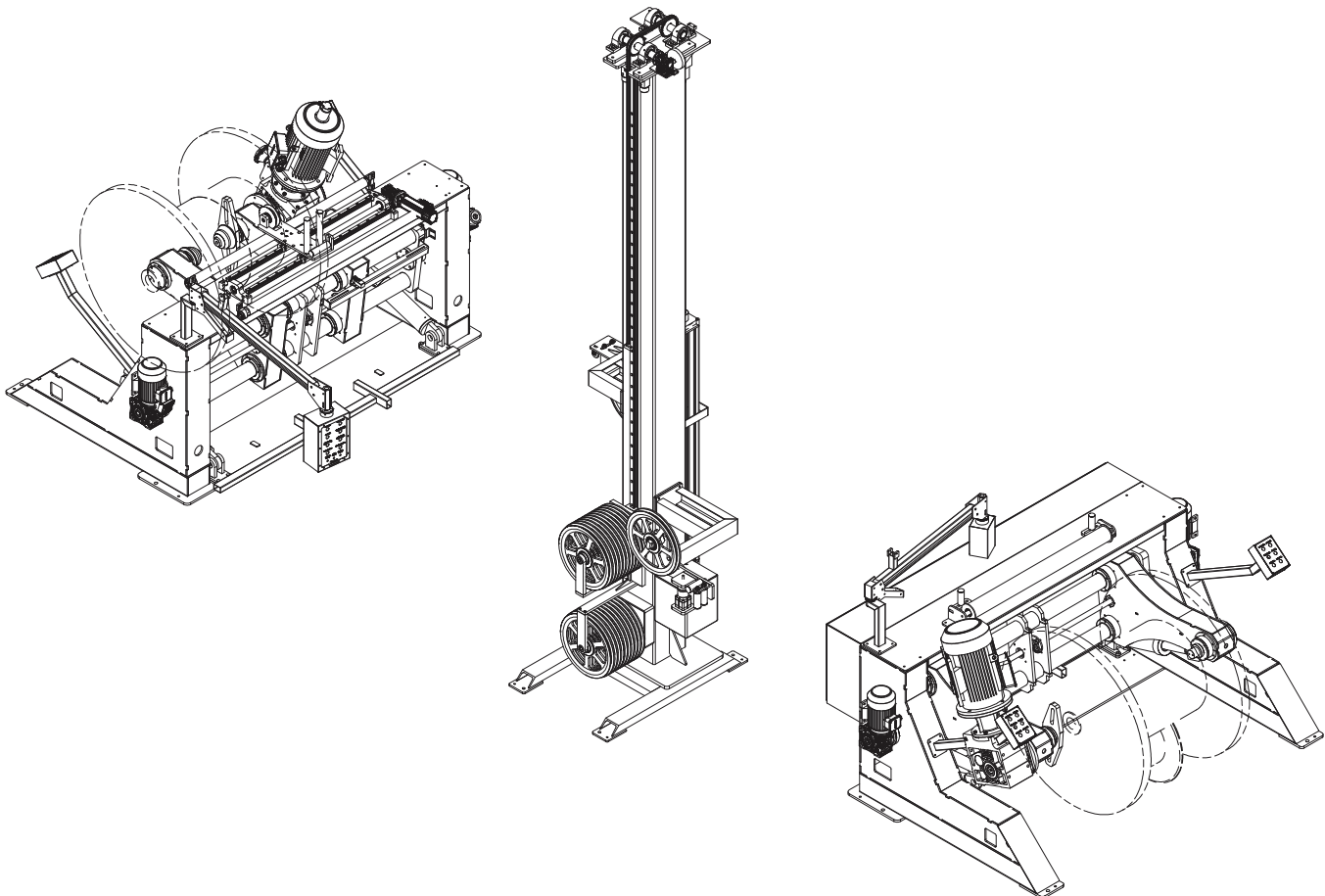
TECHNICAL DATA

Description	Unit/Model	THC-600	THT-600
Type	-	Concentric	Tangent
Extra Tape Stock for Each Head	pcs	1	-
Max Pad Outer Diameter	mm	600	600
Pad Inner Diameter	mm	76	76
Tape Width Range	mm	10-60	10-60
Max Mechanical Speed	rpm	500	200
Tape Tension	N	Adjustable	Adjustable



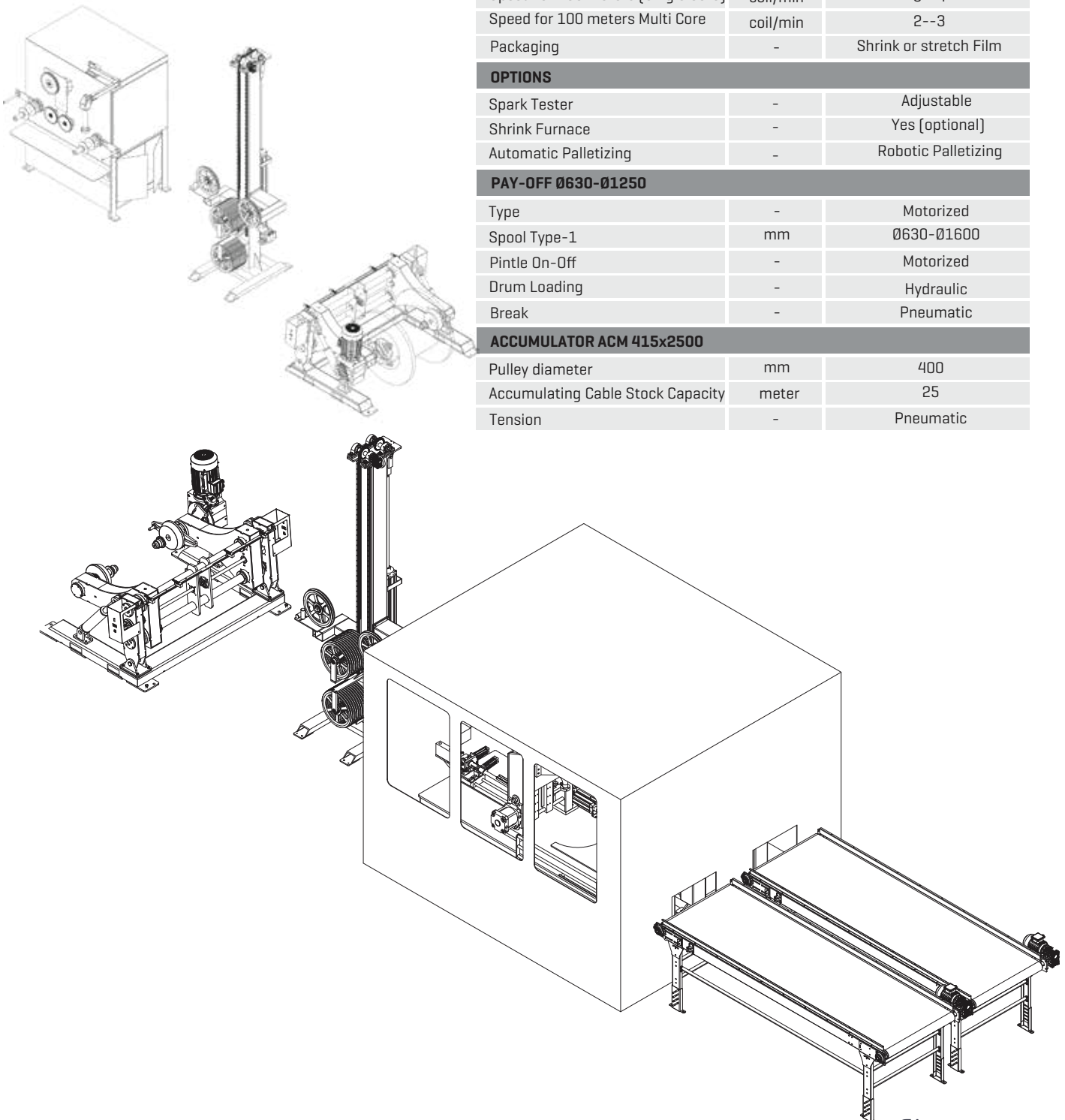
- Easy to use with different reel options
- Product quality control options during the winding process (diameter check, spark tests, etc.)
- Custom made designs according to customer's production area and product groups
- Easy to operate with technological electronic infrastructure
- Hydraulic or pneumatic application options
- Smooth winding and winding control options
- Metering control and adjustable metering options

TECHNICAL DATA			
Description	-	Unit/Model	Value
Pay-Off Drum Diameter	Min	mm	Ø250
	Max	mm	Ø3200
Take-Up Drum Diameter	Min	mm	Ø250
	Max	mm	Ø3200
Cable Diameter	Min	mm	0,5
	Max	mm	120
Spark Tester	-	-	Available (option)
Diameter Measurement Device	-	-	Available (option)
Cable Length Measurement Device	-	-	Available (option)



- Automatic & Semi Automatic options
- Possibility of coiling single and multi core cables in one line
- High speed coiling and drum winding with PLC control and servo motors
- Pay-Off suitable for different types of drums
- Possibility to save production values in formulas
- Integration of quality control equipment such as spark tester and caliper according to customer needs
- Interchangeable accumulator based on the location
- Shrink and stretch packaging options
- Automatic palletizing and pallet stretching unit options

TECHNICAL DATA		
Description	Unit/Model	Value
COIL MACHINE		
Coil Outer diameter ØD	mm	250-380
Coil Inner diameter Ød2	mm	150-160
Coil Height (H1)	mm	70-200
Spool Outer diameter(ØD1)	mm	160-400
Spool Inner diameter(Ød2)	mm	60-180
Spool Height(H2)	mm	76
Cross Section (Single Core)	mm ²	1,5-10
Cross Section (Multi Core)	coil/min	2x0,75 - 4x,1,5
Speed for 100 meters (Single Core)	coil/min	3--4
Speed for 100 meters Multi Core	coil/min	2--3
Packaging	-	Shrink or stretch Film
OPTIONS		
Spark Tester	-	Adjustable
Shrink Furnace	-	Yes (optional)
Automatic Palletizing	-	Robotic Palletizing
PAY-OFF Ø630-Ø1250		
Type	-	Motorized
Spool Type-1	mm	Ø630-Ø1600
Pintle On-Off	-	Motorized
Drum Loading	-	Hydraulic
Break	-	Pneumatic
ACCUMULATOR ACM 415x2500		
Pulley diameter	mm	400
Accumulating Cable Stock Capacity	meter	25
Tension	-	Pneumatic



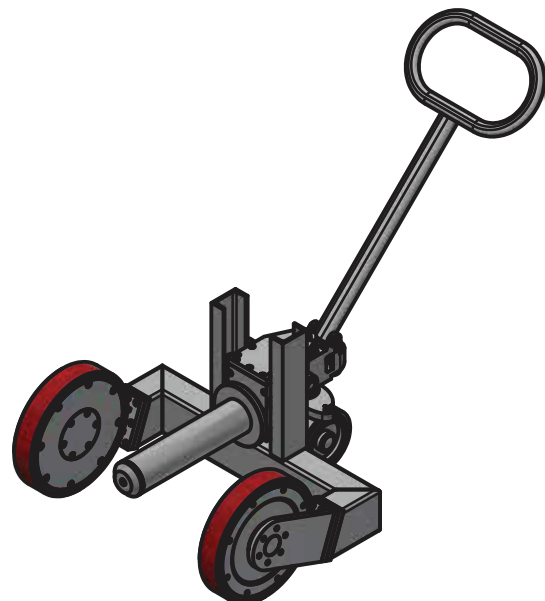
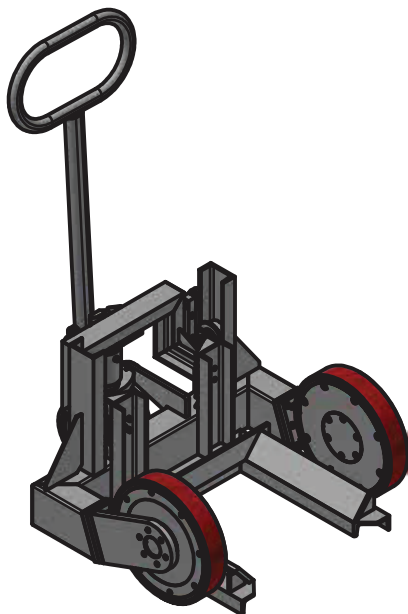
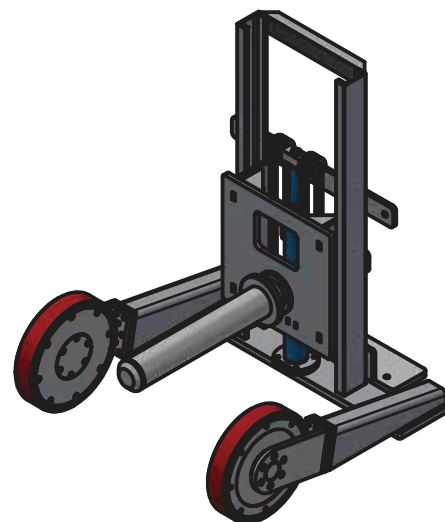
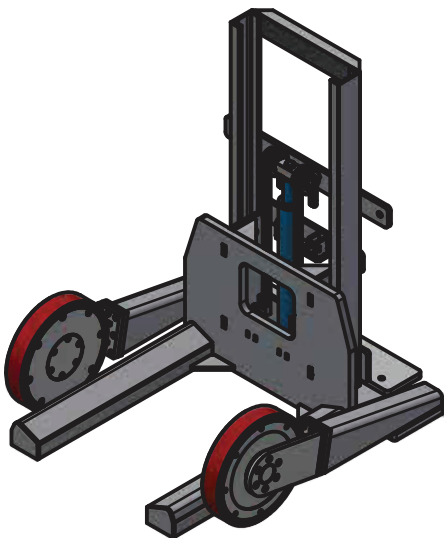
TRANSPALLET

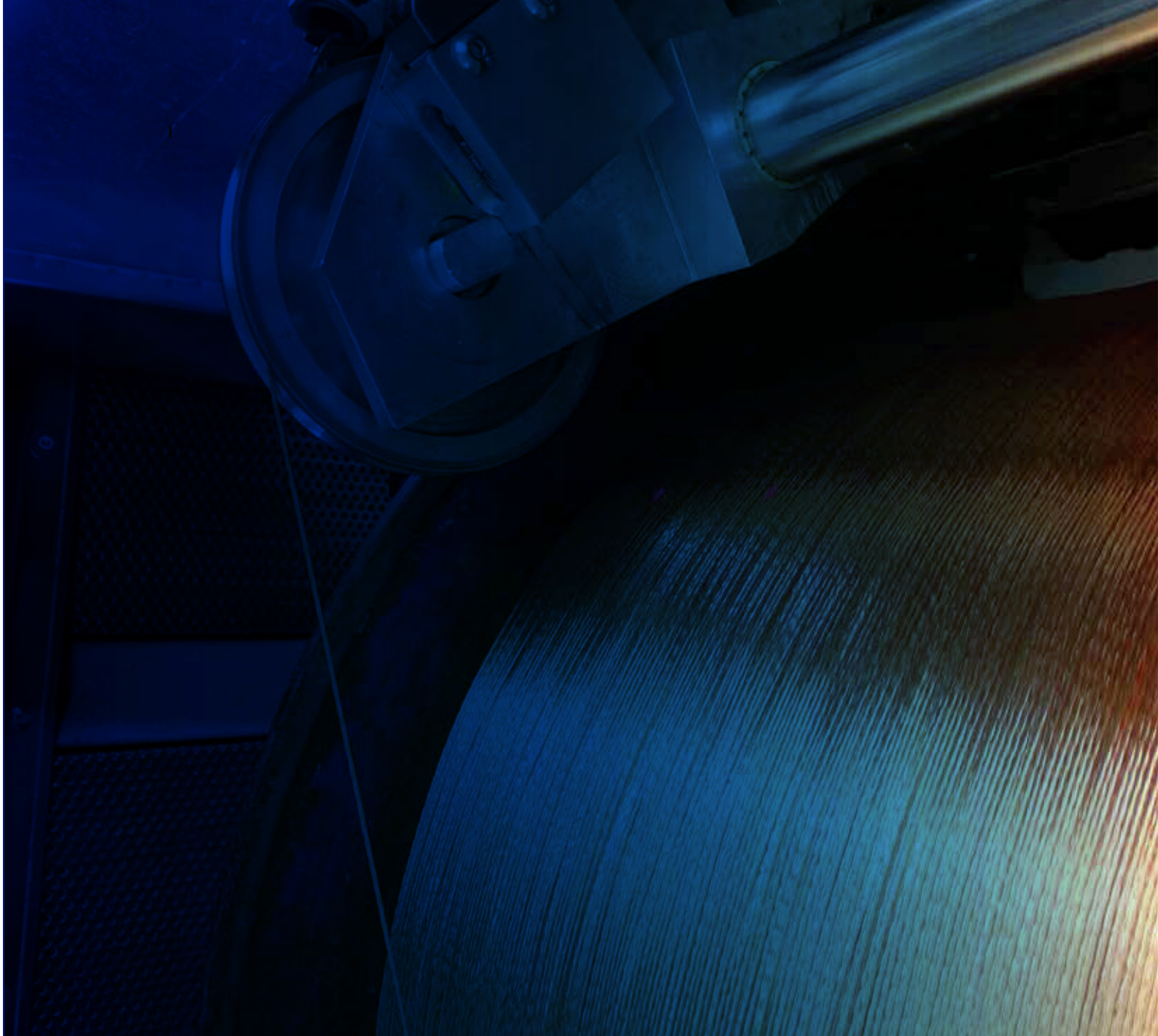


- Easy to move thanks to large front wheels
- Special wheel system that prevents wire and cable entanglement
- Braking system that prevents free motion
- Hydraulic lifting unit (Manual)
- Shaft or fork type attachment options

TECHNICAL DATA

Description	Unit/Model	TR-S-560	TR-F-560	TR-S-630	TR-F-630	TR-S-800	TR-F-800
Drum Diameter Range	Ø mm	560	560	630	630	800	800
Drum Width	mm	425	425	475	475	600	600
Drum Weight	kg	650	650	850	850	1250	1250
Manuel Braking	-	Yes	Yes	Yes	Yes	Yes	Yes
Lifting Height	mm	100	100	100	100	100	100
Type	-	Shaft	Fork	Shaft	Fork	Shaft	Fork





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