ROBOPAC
Innovation driven by values

TAPING MACHINES & CASE ERECTORS

OUR RANGE

ROBOPAC
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SEMI-AUTOMATIC



ROBOTAPE 50 ME



ROBOTAPE 50 – 65 – 80 M
ROBOTAPE 50 M INOX



ROBOTAPE 50 ME LH



ROBOTAPE 50 TBDE



ROBOTAPE 50-65-80 TBD
ROBOTAPE 50 TBD INOX

RANDOM FORMAT



ROBOTAPE 50 – 65 TBDA



ROBOTAPE 65-80A

AUTOMATIC



ROBOTAPE 50 – 65 CF
ROBOTAPE 50 CF INOX



ROBOTAPE 50 CFA

SEMI-AUTOMATIC CASE ERECTOR



STARBOX 50
STARBOX 65

AUTOMATIC CASE ERECTOR



SUPERBOX 6 HD

TAPING HEADS



TAPING HEAD
HD TAPING HEAD

CONVEYORS



EXTENSIBLE IDLE WHEELS CONVEYOR



EXTENSIBLE IDLE WHEELS CONVEYOR



EXTENSIBLE FREE ROLLER CONVEYOR



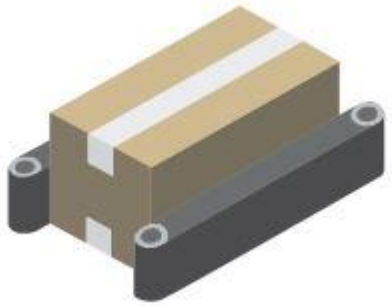
MOTORIZED BELT CONVEYOR



MOTORIZED ROLLER CONVEYOR

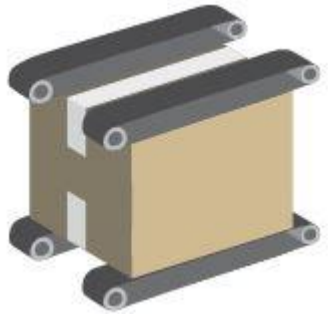
DRIVING BELTS SYSTEMS

Lateral drive belts



MODELS:
ME
ME LH
M
A
CF
CFA

Top and bottom drive belts



MODELS:
TBDE
TBD
TBDA

MACHINE FAMILIES

Fixed format



MODELS:
ME, M, ME LH
CF
TBDE, TBD
INDEX
STARBOX
SUPERBOX

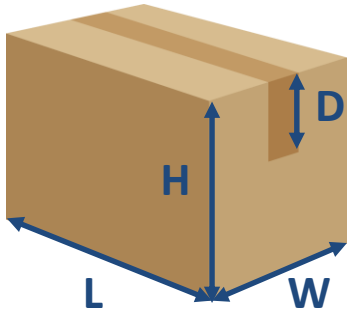
Random format



MODELS:
TBDA
A
CFA

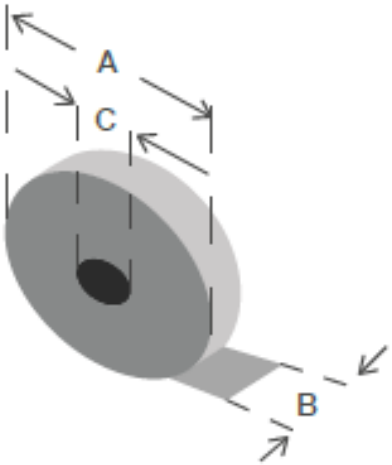
MAIN INFORMATION

1) BOX DIMENSIONS



Length **(L)**
Width **(W)**
Height **(H)**

2) TAPE



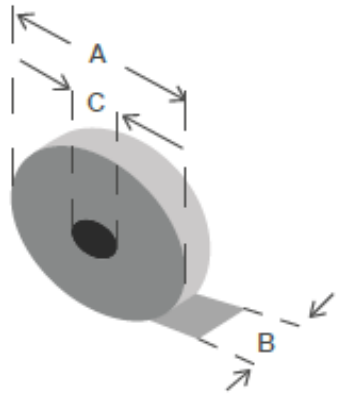
Tape diameter **(A)**
Tape width **(B)**
Core diameter **(C)**
Tape flag **(D)**

TAPING HEAD

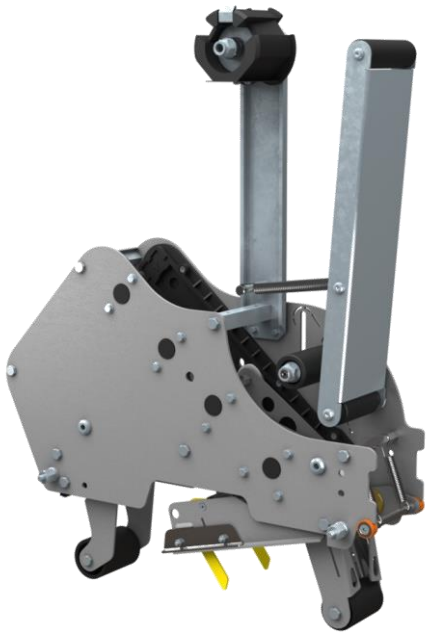


Different types of taping heads available: for 50 mm (2’’) tape width and for 75 mm (3’’) tape width

TECHNICAL FEATURES		
Tape diameter **(A)**	mm (inches)	Up to 400 (15’’)
Tape width **(B)**	mm (inches)	50 (2’’) 75 (3’’)
Core diameter **(C)**	mm (inches)	76 (3’’)
Tape flag length	mm (inches)	30-50-70 (1.2’’ - 2’’ – 2.75’’)



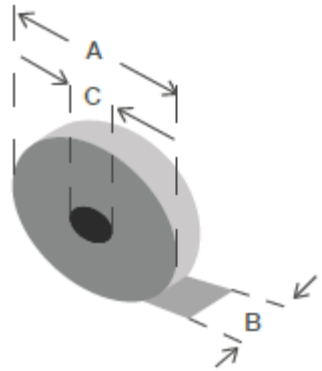
HD TAPING HEAD



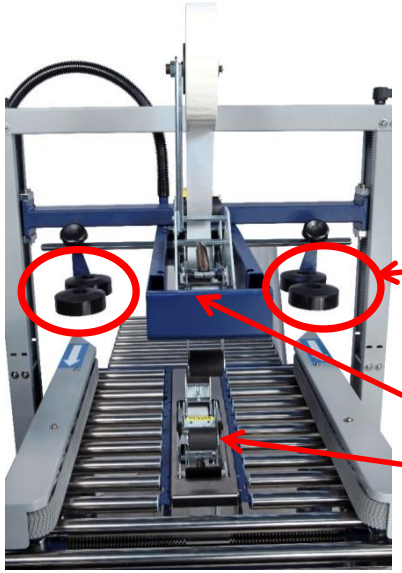
Different types of taping heads available: for 38-44-50 mm (1.5’’/1.7’’/2’’) tape width and for 75 mm (3’’) tape width

- ***HEAVY DUTY DESIGN*** for highest productivity
- ***HIGH PERFORMANCE*** soft touch on boxes
- ***QUALITY*** new axial locking system of the internal core
- ***PROFESSIONAL*** easy to set and low noise
- ***HIGH FLEXIBILITY*** 1 spindle, 3 tape widths

TECHNICAL FEATURES		
Tape diameter **(A)**	mm (inches)	Up to 400 (15’’)
Tape width **(B)**	mm (inches)	38/44/50 (1.5’’/1.7’’/2’’) 75 (3’’)
Core diameter **(C)**	mm (inches)	76 (3’’)
Tape flag length	mm (inches)	50-70 (2’’ – 2.75’’)



MAIN INFORMATION



Upper guides

Taping heads



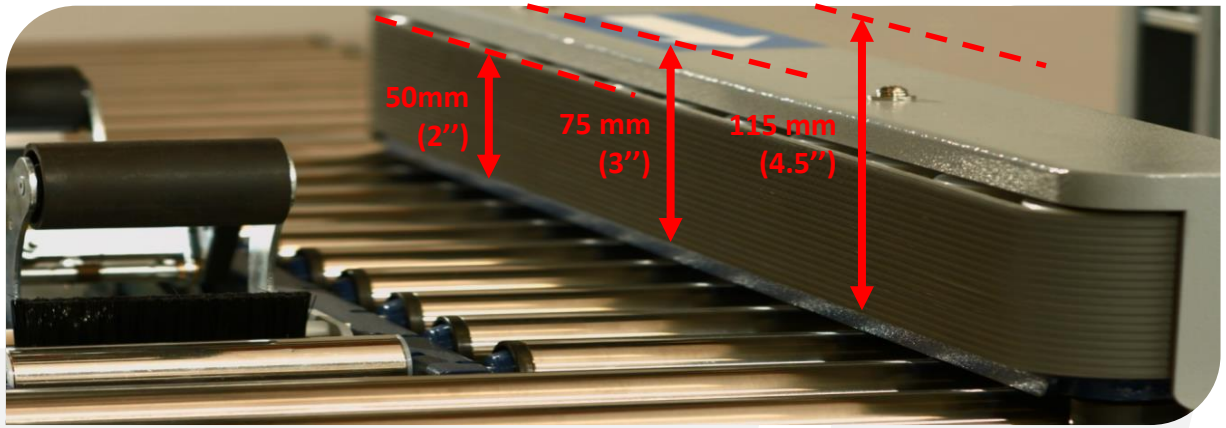
Bridge adjustment handle

Emergency button

Lateral guides adjustment handle

OPTIONAL: casters with brake

OPTIONAL: idle roller conveyor



AMERICAN MARKET

For American market we have an option on the price list with which the machine has UL/CSA electrical components to be UL/CSA ready.

9020305964 UL/CSA MACHINE – AUTOTRANSFORMER, CABLE AND PLUG

or a code to have only the autotransformer

9020305996 AUTOTRANSFORMER 120 V 50/60 Hz

ROBOTAPE ME HD

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Semi-automatic taping machine with lateral drive belts



MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 230V 1Ph + T 50 Hz
- **Adjustable working height**

mm (inches)

MINIMUM BOX DIMENSIONS	50 ME
Length	150 (5.9'')
Width	110 (4.3'')
Height	110 (4.3'')
MAXIMUM BOX DIMENSIONS	
Length	∞
Width	500 (19.7'')
Height	500 (19.7'')
BELT DRIVE HEIGHT	
50 mm (2'')	std

ROBOTAPE M HD

Semi-automatic taping machine with lateral drive belts



MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400 V 3Ph + T 50 Hz
- **Adjustable working height**
- Bridge can be mechanically raised up in order to work even higher boxes

mm (inches)

MINIMUM BOX DIMENSIONS	50 M	65 M	80 M
Length	150 (5.9'')	150 (5.9'')	150 (5.9'')
Width	110 (4.3'')	110 (4.3'')	110 (4.3'')
Height	110 (4.3'')	110 (4.3'')	160 (6.3'')
MAXIMUM BOX DIMENSIONS			
Length	∞	∞	∞
Width	500 (19.7'')	650 (25.6'')	800 (31.5'')
Height	500 (19.7'')	650 (25.6'')	800 (31.5'')
BELT DRIVE HEIGHT			
50 mm (2'')	std	std	NO
75 mm (3'')	opt	opt	NO
115 mm (4.5'')	NO	opt	std

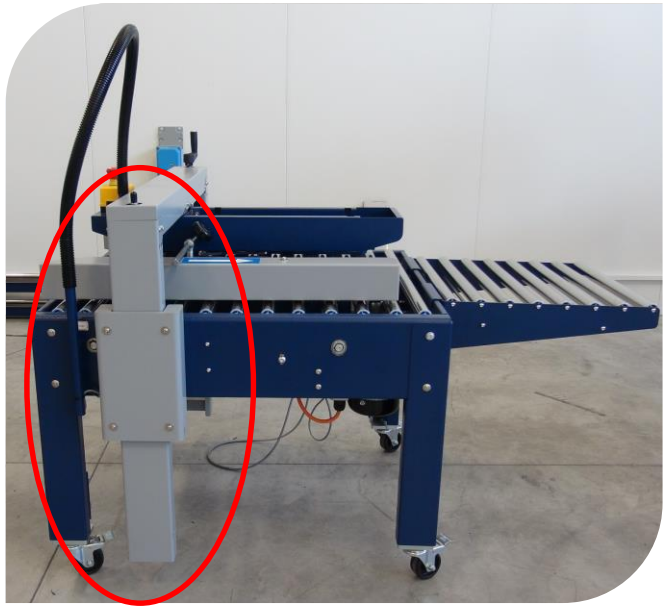
BIG ADVANTAGES ON “ME” MODEL

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Thanks to bridge construction the machine can be positioned very low and allows to put 2 machines on each other for transport

transport cost is divided by 2 !





ROBOTAPE M INOX HD

ROBOPAC
Innovation driven by values

Semi-automatic taping machine with lateral drive belts in stainless steel for food, pharmaceutical industries and environments with the same needs.



mm (inches)

MINIMUM BOX DIMENSIONS	50 M INOX
Length	150 (5.9'')
Width	110 (4.3'')
Height	110 (4.3'')
MAXIMUM BOX DIMENSIONS	
Length	∞
Width	500 (19.7'')
Height	500 (19.7'')
BELT DRIVE UNIT HEIGHT	
50 mm (2'')	std
75 mm (3'')	opt
115 mm (4.5'')	NO

MACHINE SETUP

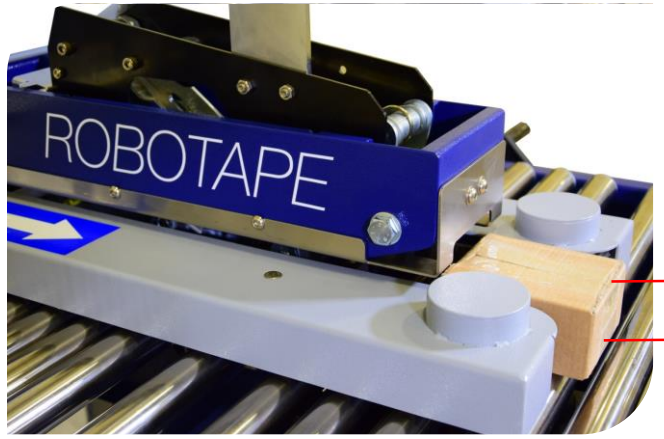
- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400V 3Ph 50 Hz + T
- **Adjustable working height**
- Bridge can be mechanically raised up in order to work even higher boxes

ROBOTAPE ME LH

ROBOPAC
Innovation driven by values

Semi-automatic taping machine with lateral drive belts for small boxes





up to 40 mm (1.6’’)
(if W>120 mm/4.7’’)

mm (inches)

MINIMUM BOX DIMENSIONS	50 ME LH
Length	110 (4.33’’)
Width	80 (3.1’’)
Height	50 (1.6’’)
MAXIMUM BOX DIMENSIONS	
Length	∞
Width	500 (19.7’’)
Height	500 (19.7’’)
BELT DRIVE UNIT HEIGHT	
30 mm (1.2’’)	std

MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Specific taping head**
- **Tape width** 25 mm (1’’) or 38 mm (1.5’’)
- **Power supply:** 230V + T 50 Hz
- **Adjustable working height**

ROBOTAPE A HD

ROBOPAC
Innovation driven by values

Semi-automatic taping machine with lateral drive belts and self-adjustments for boxes of different sizes



MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400V 3Ph 50 Hz + T
- **Adjustable working height**

Rconnect

mm (inches)

MINIMUM BOX DIMENSIONS	65 A	80 A
Length	150 (5.9'')	150 (5.9'')
Width (taping head 50 / 2'')	110 (4.3'')	110 (4.3'')
Width (taping head 75 / 3'')	135 (5.3'')	135 (5.3'')
Height (belt 50 mm / 2'')	110 (4.3'')	NO
Height (belt 75 mm / 3'')	135 (5.3'')	135 (5.3'')
Height (belt 115 mm / 4.5'')	175 (6.9'')	175 (6.9'')
MAXIMUM BOX DIMENSIONS		
Length	∞	∞
Width	650 (25.6'')	800 (31.5'')
Height	650 (25.6'')	800 (31.5'')
BELT DRIVE UNIT HEIGHT		
50 mm (2'')	std	NO
75 mm (3'')	opt	std
115 mm (4.5'')	opt	opt

PLC CONTROL PANEL WITH PARAMETERS JOG SELECTOR AND COLOUR DISPLAY





TOP AND BOTTOM DRIVE BELTS

ROBOTAPE TBDE W135 / W160

ROBOTAPE TBD W135 / W160

ROBOTAPE TBD INOX W135 / W160

ROBOTAPE TBDA W135 / W160

W135 mm (5.3’’) and **W160 mm** (6.3’’):
These values stand respectively for minimum widths.

The ideal solutions for tall and narrow boxes, i.e. beverage industry





ROBOTAPE TBDE HD

ROBOPAC
Innovation driven by values

Semi-automatic taping machine with top and bottom drive belts



MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 230V 1Ph 50 Hz + T
- **Adjustable working height**

mm (inches)

MINIMUM BOX DIMENSIONS	50 TBDE (*) W135	50 TBDE W160
Length	150 (5.9'')	150 (5.9'')
Width	135 (5.3'')	160 (6.3'')
Height	110 (4.3'')	110 (4.3'')
MAXIMUM BOX DIMENSIONS		
Length	∞	∞
Width	500 (19.7'')	500 (19.7'')
Height	500 (19.7'')	500 (19.7'')
BELT DRIVE UNIT WIDTH		
50 mm (2'')	std	std

(*) Can't fit taping head T75 (3'')

ROBOTAPE TBD HD

Semi-automatic taping machine with top and bottom drive belts



MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400V 3Ph 50 Hz + T
- **Adjustable working height**
- Bridge can be mechanically raised up in order to work even higher boxes

mm (inches)

MINIMUM BOX DIMENSIONS	50 TBD (*) W135	50 TBD W160	65 TBD	80 TBD
Length	150 (5.9'')	150 (5.9'')	150 (5.9'')	150 (5.9'')
Width	135 (5.3'')	160 (6.3'')	160 (6.3'')	160 (6.3'')
Height	110 (4.3'')	110 (4.3'')	110 (4.3'')	110 (4.3'')
MAXIMUM BOX DIMENSIONS				
Length	∞	∞	∞	∞
Width	500 (19.7'')	500 (19.7'')	650 (25.6'')	800 (31.5'')
Height	500 (19.7'')	500 (19.7'')	650 (25.6'')	800 (31.5'')
BELT DRIVE UNIT WIDTH				
50 mm (2'')	std	std	std	50 (2'') top 115 (4.5'')bottom

(*) Can't fit taping head T75 mm (3'')

BIG ADVANTAGES ON “TBDE” MODEL

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Thanks to bridge construction the machine can be positioned very low and allows to put 2 machines on each other for transport

transport cost is divided by 2 !





ROBOTAPE TBD INOX HD

ROBOPAC
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Semi-automatic taping machine with top and bottom drive belts in stainless steel for food, pharmaceutical industries and environments with the same needs



mm (inches)

MINIMUM BOX DIMENSIONS	50 TBD INOX(*) W135	50 TBD INOX W160
Length	150 (5.9'')	150 (5.9'')
Width	135 (5.3'')	160 (6.3'')
Height	110 (4.3'')	110 (4.3''
MAXIMUM BOX DIMENSIONS		
Length	∞	∞
Width	500 (19.7'')	500 (19.7'')
Height	500 (19.7'')	500 (19.7'')
BELT DRIVE UNIT WIDTH		
50 mm (2'')	std	std

(*) Can't fit taping head T75 mm (3'')

MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400V 3Ph 50 Hz + T
- **Adjustable working height**
- Bridge can be mechanically raised up in order to work even higher boxes

ROBOTAPE TBDA HD

ROBOPAC
Innovation driven by values

Semi-automatic taping machine with top and bottom drive belts and self adjustments for boxes of different sizes



mm (inches)

MINIMUM BOX DIMENSIONS	50 TBDA(*) W135	50 TBDA W160	65 TBDA
Length	150 (5.9'')	150 (5.9'')	150 (5.9'')
Width	135 (5.3'')	160 (6.3'')	160 (6.3'')
Height	110 (4.3'')	110 (4.3'')	110 (4.3'')
MAXIMUM BOX DIMENSIONS			
Length	∞	∞	∞
Width	500 (19.7'')	500 (19.7'')	650 (25.6'')
Height	500 (19.7'')	500 (19.7'')	650 (25.6'')
BELT DRIVE UNIT WIDTH			
50 mm (2'')	std	std	std

(*) Can't fit taping head T75 mm (3'')

MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400V 3Ph 50 Hz + T
- **Adjustable working height**
- Bridge can be mechanically raised up in order to work even higher boxes

ROBOTAPE CF HD

ROBOPAC
Innovation driven by values

Taping machine with lateral drive belts and automatic flaps closing device



MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400V 3Ph 50 Hz + T
- **Adjustable working height**
- Bridge can be mechanically raised up in order to work even higher boxes

mm (inches)

MINIMUM BOX DIMENSIONS	50 CF	65 CF
Length	150 (5.9'')	150 (5.9'')
Width	110 (4.3'')	110 (4.3'')
Height	110 (4.3'')	110 (4.3'')
MAXIMUM BOX DIMENSIONS		
Length	650 (25.6'')	800 (31.5'')
Width	500 (19.7'')	650 (25.6'')
Height	500 (19.7'')	650 (25.6'')
BELT DRIVE UNIT HEIGHT		
50 mm (2'')	std	std
75 mm (3'')	opt	opt
115 mm (4.5'')	NO	opt

ROBOTAPE CF INOX HD

Taping machine with lateral drive belts and automatic flaps closing device in stainless steel for food, pharmaceutical industries and environments with the same needs



MACHINE SETUP

- **Infeed speed** 22m/min (72 ft/min)
- **Power supply:** 400V 3Ph 50 Hz + T
- **Adjustable working height**
- Bridge can be mechanically raised up in order to work even higher boxes

mm (inches)

MINIMUM BOX DIMENSIONS	50 CF INOX
Length	150 (5.9'')
Width	110 (4.3'')
Height	110 (4.3'')
MAXIMUM BOX DIMENSIONS	
Length	650 (25.6'')
Width	500 (19.7'')
Height	500 (19.7'')
BELT DRIVE UNIT HEIGHT	
50 mm (2'')	std
75 mm (3'')	opt

ROBOTAPE CFA HD

ROBOPAC
Innovation driven by values

Taping machine with lateral drive belts, automatic flaps closing device for boxes of different sizes





MACHINE SETUP

- **Infeed speed** 24 m/min (78.7 ft/min)
- **Productivity** up to 8 boxes/min
- **Power supply:** 400 V 3 Ph+N+Pe 50Hz
- **Adjustable working height**

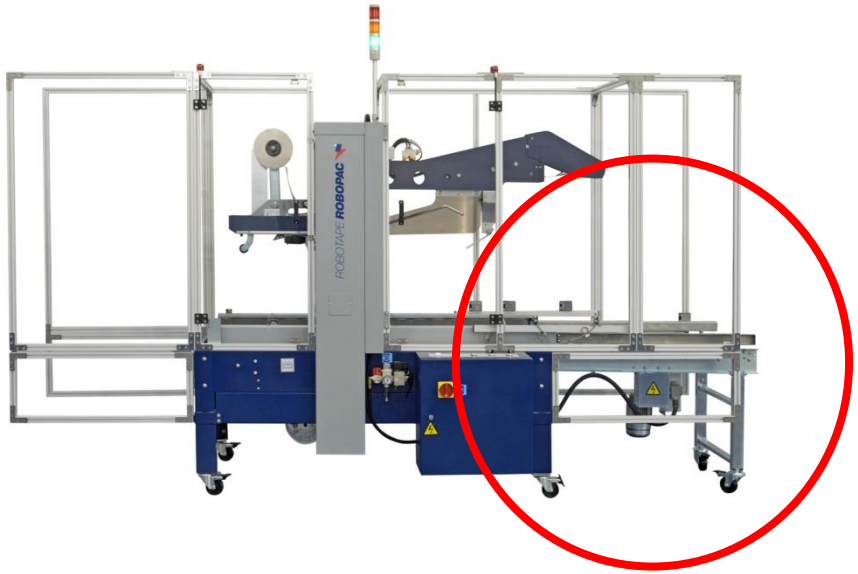
mm (inches)

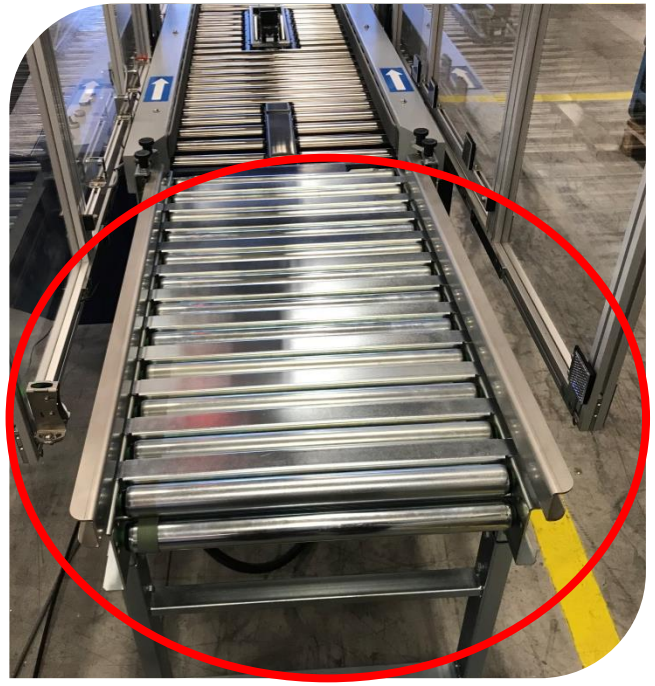
MINIMUM BOX DIMENSIONS	50 CFA
Length	150 (5.9'')
Width	110 (4.3'')
Height	110 (4.3'')
MAXIMUM BOX DIMENSIONS	
Length	650 (25.6'')
Width	500 (19.7'')
Height	500 (19.7'')
BELT DRIVE UNIT HEIGHT	
50 mm (2'')	std
75 mm (3'')	opt

ROBOTAPE CFA HD: infeed

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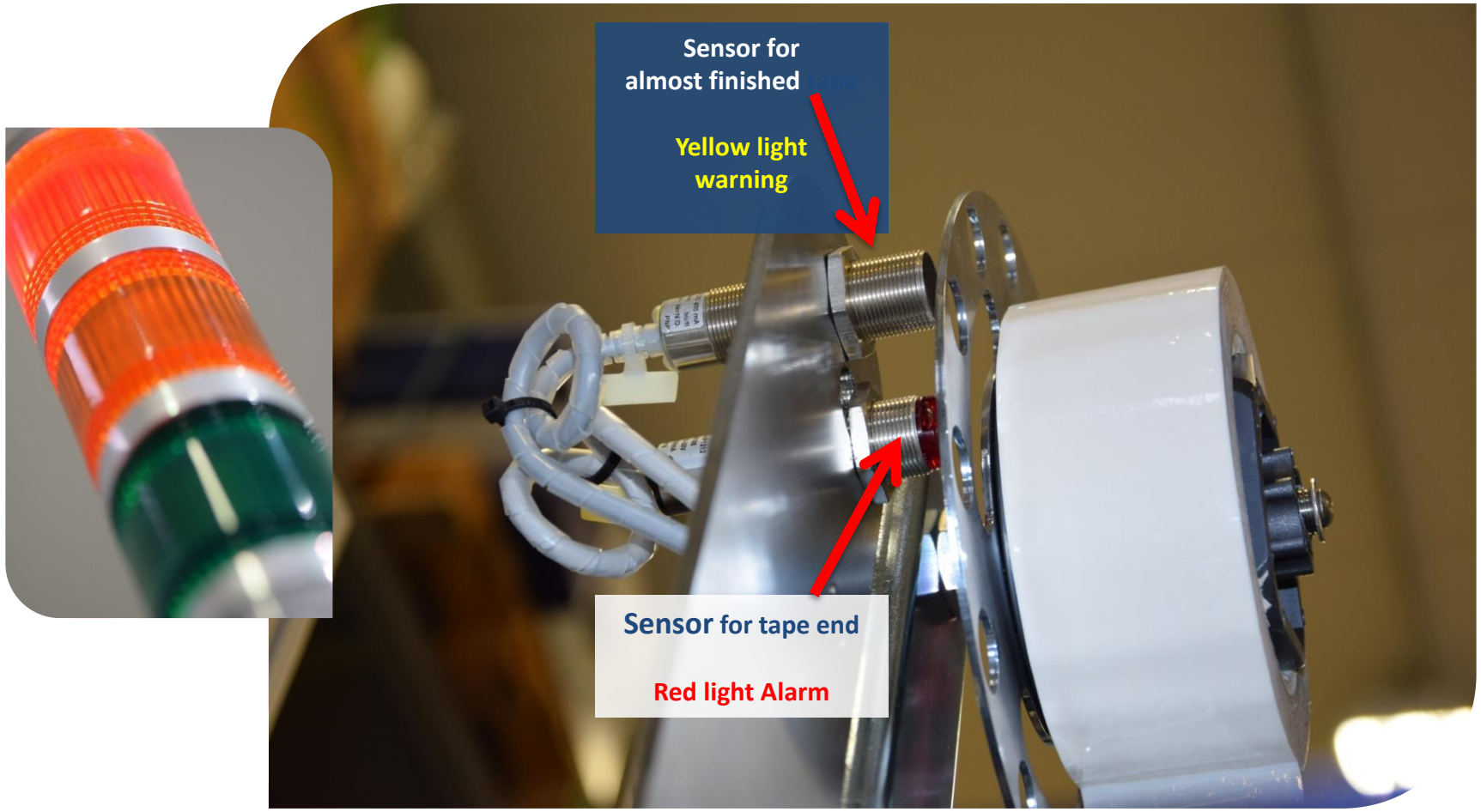
Motorized conveyor with galvanized rollers and centering guides 1000 mm x 500 mm needed to separate (split) the boxes before taping.





ROBOTAPE CFA HD: alarms/warning

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CASE ERECTORS

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STARBOX

Semi-automatic



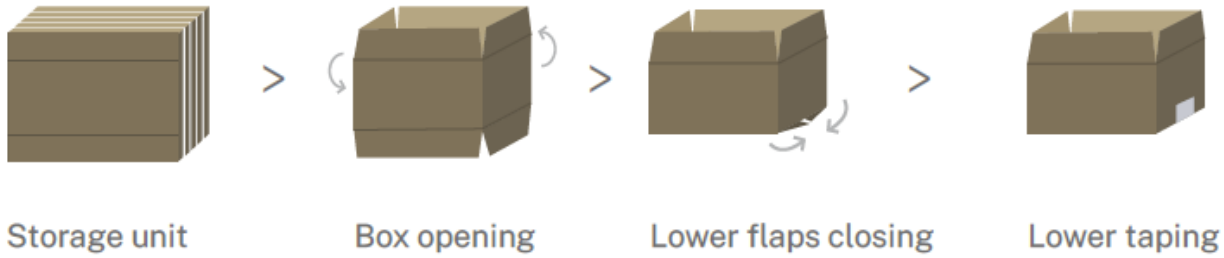
SUPERBOX 6 HD

Automatic

SUPERBOX 6 HD

ROBOPAC
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Automatic carton erecting machine



mm (inches)

MINIMUM BOX DIMENSIONS	6 HD
Length	200 (7.9'')
Width	170 (6.7'')
Height	100 (3.9'')
MAXIMUM BOX DIMENSIONS	
Length	600 (23.6'')
Width	410 (16'')
Height	500 (19.7'')
Maximum box thickness	4,1 (0.16'')



MAXIMUM PRODUCTIVITY

up to 12 boxes/min

(depending on box sizes)

Rconnect

SUPERBOX 6 HD: storage unit

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STANDARD STORAGE



50/60 boxes

LARGER STORAGE (OPT)



120 boxes

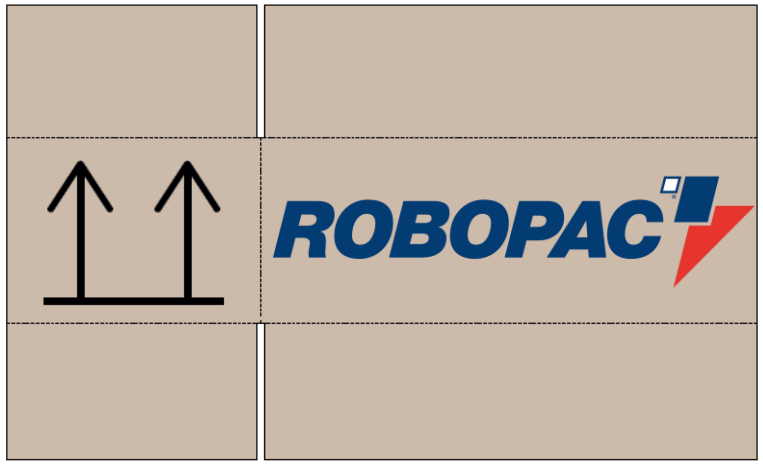
POWERED STORAGE (OPT)



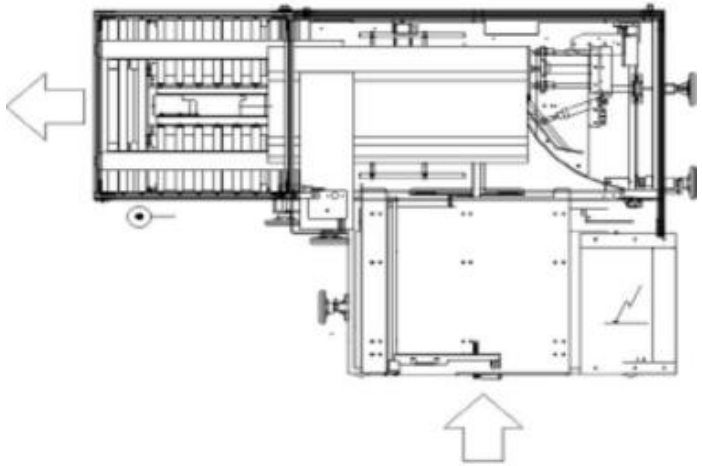
100 boxes

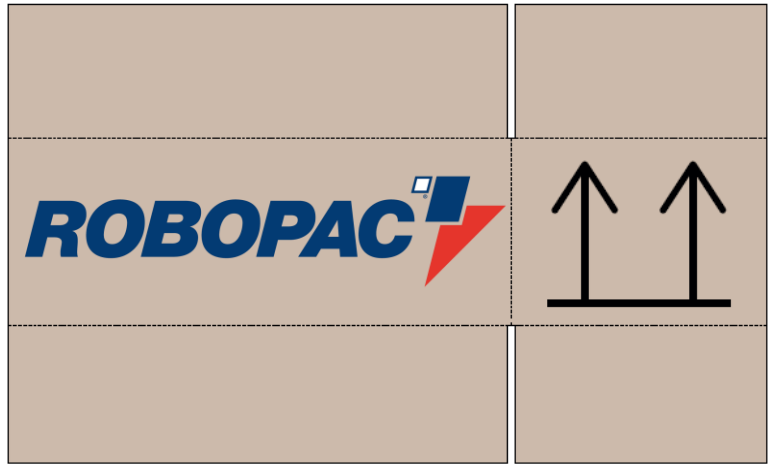
SUPERBOX 6 HD: configurations

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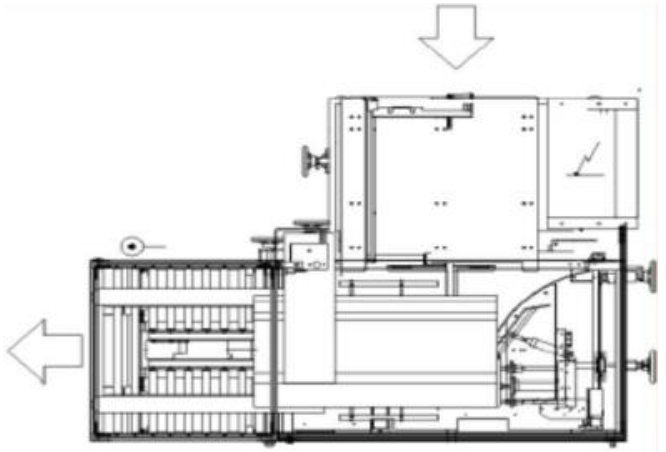


STANDARD MACHINE





SYMMETRIC MACHINE



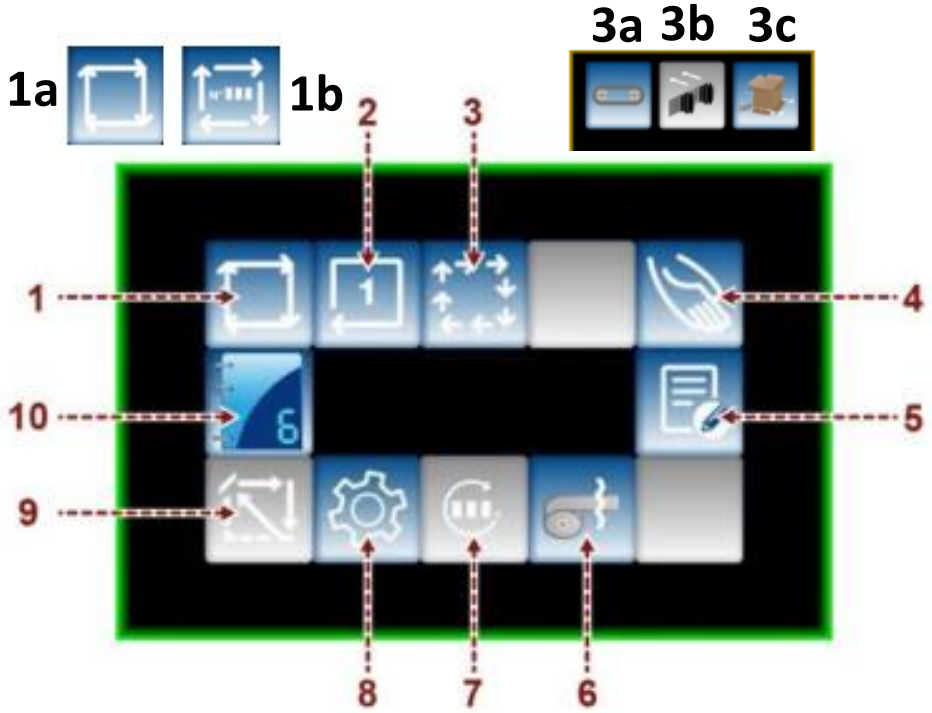
SUPERBOX 6 HD: control panel

ROBOPAC
Innovation driven by values

SIMPLE TO USE thanks to the interface with jog parameter selector, 3.5-inches colour display and intuitive icons.









1a. Continuos cycle: In this mode the machine packs cardboards continuously as long as they are in the magazine.

1b. Batch cycle: in this mode the machine packs the number of cardboards set in "Number of products per batch" and then stops.

2. Start of a single work cycle

3. Start of the step cycle: It is a working mode in which the actions of the machine's operating cycle are controlled in sequence by the operator.
The sequence of actions can be carried out in "forward" or "backward" movement

3a. Backward step

3b. Step selected

3c. Forward step

4. Manual control

5. Notepad: it allows to write down one specific setting for one specific product.

6. Tape breaking alarm enabling

7. Batch cycle reset

8. Setting menu

9. Synchronization of the machine

10. Work recipe selection

SUPERBOX 6 HD: quick changeover

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Thanks to the adjustments using handwheels which guarantee precision and repeatability

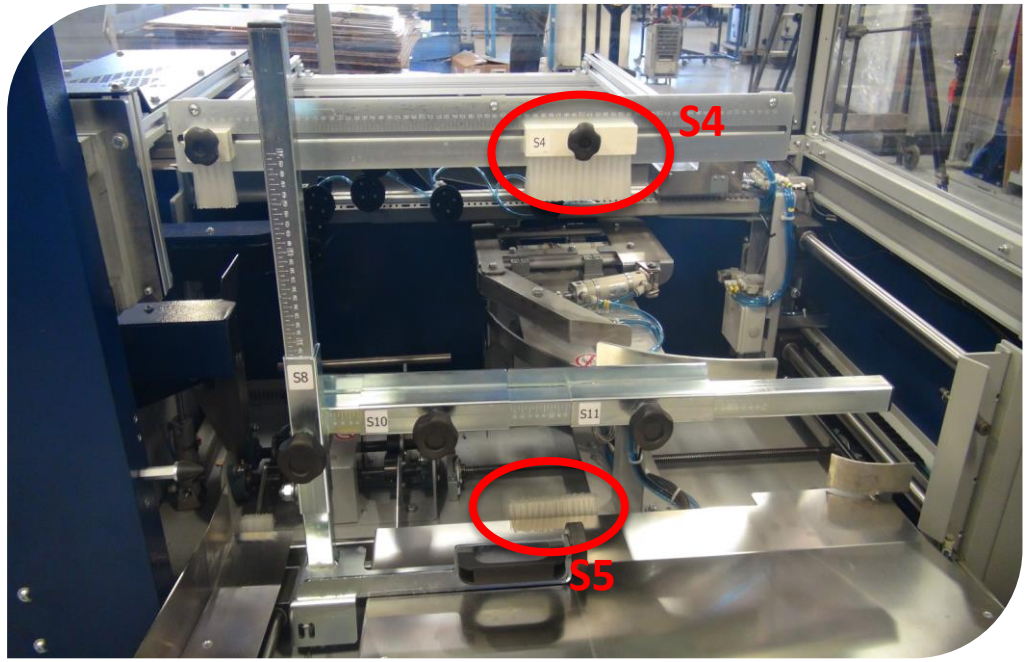












STARBOX

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Semi-automatic carton erecting machine









Foot control: START

mm (inches)

MINIMUM BOX DIMENSIONS	STARBOX 50	STARBOX 65
Length	150 (5.9'')	150 (5.9'')
Width	230 (9'')*	300 (11.8'')*
Height	**	**
MAXIMUM BOX DIMENSIONS		
Length	650 (25.6'')	800 (31.5'')
Width	500 (19.7'')	650 (19.7'')
Height	**	**

*The machine can reach minimum measurements in smaller widths (W) with favourable thickness and box creasing, but never less than 160 mm.

**Look linked taping machine



1 Manual and automatic cycle selector
2 Reset
3 Emercency button
4 Start
5 Holder pusher (it holds the pusher in the right starting position)
6 Pneumatic valve opening flaps
7 Pneumatic valve closing guides
8 Pneumatic valve move forward pusher
9 Pneumatic valve closing flaps
10 Pneumatic valve opening guides
11 Pneumatic valve move backwards pusher

INDEX

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Motorized boxes spacer with timer (usually before a Robotape CF)



MINIMUM BOX DIMENSIONS	INDEX 50
Lenght	150 (5.9'')
Width	110 (4.3'')
Height	*
MAXIMUM BOX DIMENSIONS	
Lenght	650 (25.6'')
Width	500 (19.7'')
Height	*
BELT DRIVE UNIT WIDTH	
50 mm	std

* Look linked taping machine

MACHINE SETUP

- **Infeed speed** 22m/min
- **Power supply:** 400V 3Ph 50HZ + T
- **Max box weight** 50 kg (110 lbs)
- **Manual side guide adjustment**
- **Adjustable working height**



ROBOTAPE ACCESSORIES

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Extensible conveyor with galvanised steel idle rollers
Extensible conveyor with plastic wheels
Extensible conveyor with metal wheels
- L 1000 (39.3’’)/3000 mm (118’’) x W 500 mm (19.7’’)
- L 1400 (55’’)/4500 mm (177’’) x W 500 mm (19.7’’)
- L 1000 (39.3’’)/3000 mm (118’’) x W 650 mm (25.6’’)
- L 1400 (55’’)/4500 mm (177’’) x W 650 mm (25.6’’)
- L 1000 (39.3’’)/3000 mm (118’’) x W 800 mm (31.5’’)
- L 1400 (55’’)/4500 mm (177’’) x W 800 mm (31.5’’)



Motorized conveyors
- L 1000 (39.3’’)/2000 (78.7’’)/3000 (118’’) x W 500 mm (19.7’’)
- L 1000 (39.3’’)/2000 (78.7’’)/3000 (118’’) x W 650 mm (25.6’’)
- L 1000 (39.3’’)/2000 (78.7’’)/3000 (118’’) x W 800 mm (31.5’’)



Galvanised idle roller conveyor
- L 1000 (39.3’’)/1500 (59’’)/2000 (78.7’’) x W 500 mm (19.7’’)
- L 1000 (39.3’’)/1500 (59’’)/2000 (78.7’’) x W 650 mm (25.6’’)
- L 1000 (39.3’’)/1500 (59’’)/2000 (78.7’’) x W 800 mm (31.5’’)



Idle roller conveyor
- L 500 mm (39.3’’)/ x W 500 mm (19.7’’)
- L 500 mm (39.3’’)/ x W 650 mm (25.6’’)
- L 500 mm (39.3’’)/ x W 800 mm (31.5’’)



Idle roller curve:
- W 500 mm (19.7’’) 90°
- W 650 mm (25.6’’) 90°
- W 800 mm (31.5’’) 90°





Flap blocker



Outfeed stop boxing plate



Set of 4 caster with brake to move the machine

MY CASE APP



Available on Apple Store, Google Play and PC

ROBOPAC MYCASE is the configurator for taping machines.

It is possible by directly entering the dimensions of the boxes to be taped, to find automatically the model or models suitable for your product.



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GRAZIE

Gracias

谢谢

Merci

СПАСИБО

Thank you

DANKE

ขอบคุณ

Obrigado

