

CHARACTERISTICS

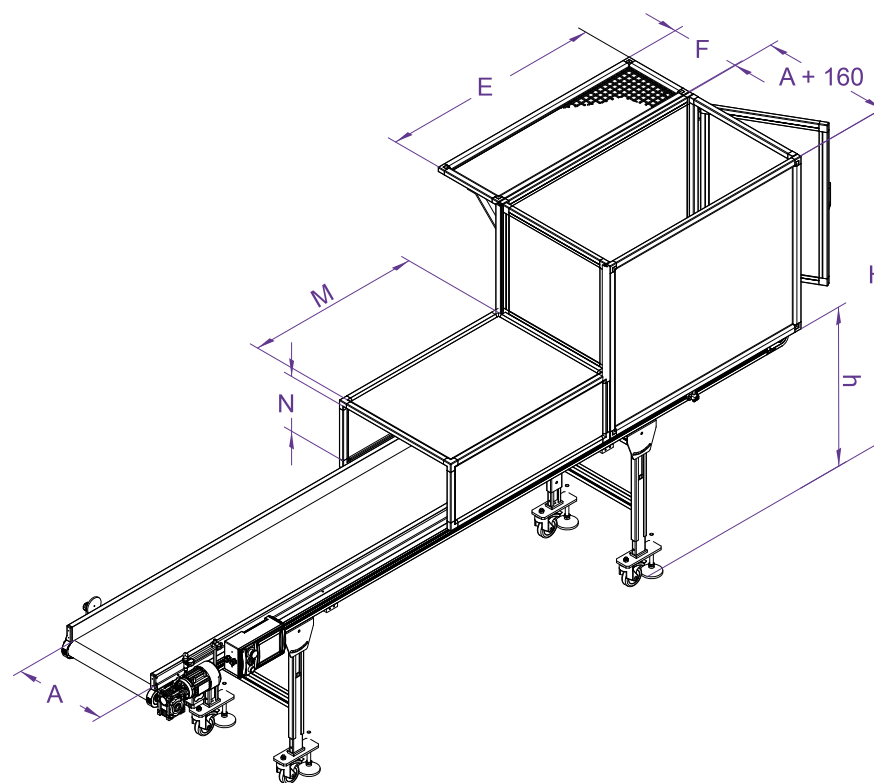
- Standard flat conveyor
- Suitable for conveying lines, assembly lines and to work under IMM or with robot

TECHNICAL SPECIFICATIONS

- Structure made of aluminium anodised profile height 90 mm
- With side panels height 80 mm
- Without possibility to work inclined
- Smooth PU belt, without slats, vulcanised belt joint. Temperature resistance from -10°C to + 90°C
- Transmission group composed of: three-phase motor, coupled to worm reduction unit with lubrication for life
- Fixed standard speed ~4 m/min
- Equipped with Start/Stop motor cut-out
- Standard motor supply voltage 400V/50 Hz

KING DIMENSIONS

DIMENSION	min (mm)	max (mm)
A	100	1200
B	600	6000
H	200	2000



Rear door with safety micro



Lateral protective roof

CHARACTERISTICS

- Robot protection composed of a stout aluminium frame complete with polycarbonate or metallic net cover
- Robot protection complete with a rear door opening, useful to check products samples
- Robot protection complete with a lateral protective roof

TECHNICAL FEATURES

- All protections are built according to specific requirements from the customer
- Rear door protected by a safety micro allowing the descent of the robot only when perfectly closed (its connection to the robot at customer charge)

HOW TO CHOOSE A PHOTOCELL

- Ft standard: when positioned inside the containment edges it is considered our standard solution
- Ft laser: this photocell replaces the standard one when the product to convey is less than 20 mm height
NB: this photocell detects products with minimum height of 0,9 mm at 1 mt depth, and products with minimum height of 2 mm at 3 mt depth
- Ft for transparency: some in-house test are highly recommended before choosing this ft model

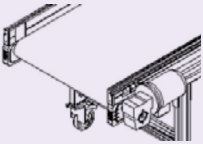
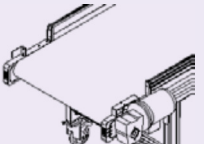
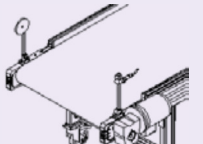
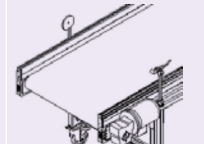
Photocell distance from control panel:

- From 0 to 5 mt the wire is provided already connected to the photocell
- From 5 to 15 mt a 3x1mm wire needs to be prepared for connection (the photocell will have a non-wired connector)



MODELS	
MODEL	
FT STANDARD	Depth of field: from 0,1 to 3 mt Min. height of the product = 20 mm
FT LASER	Depth of field: from 0,1 to 3 mt Min. height of the product: - from 0,9 mm to 1 mt - from 2 mm to 3 mt
FT FOR TRANSPARENCY	Depth of field: from 0 to 2 mt Detects: glass, Polycarbonate, nylon, PET bottles
Mod. BOS 21M-PA-PT10-S4	Depth of field: from 0 to 2 mt Beam: Ø 10 mm at 1 mt depth

CONFIGURATIONS

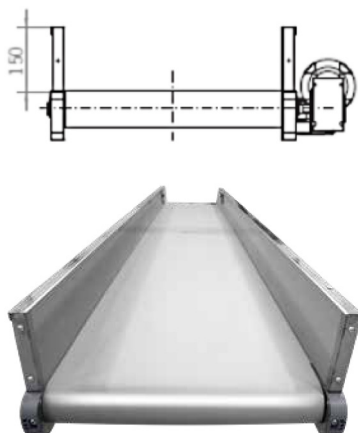
PHOTOCELL INSIDE THE CONTAINMENT EDGES	FIXED PHOTOCELL AT CONVEYOR'S END	PHOTOCELL WITH ADJUSTABLE HEIGHT	EXTERNAL PHOTOCELL WITH ADJUSTABLE HEIGHT
			



overedges 150

CHARACTERISTICS

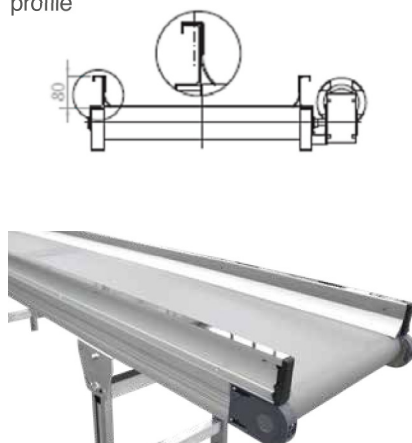
- Overedges made of stainless steel AISI 304 h 150 mm
- To convey products with large size or quantity



overedges 80 SS

CHARACTERISTICS

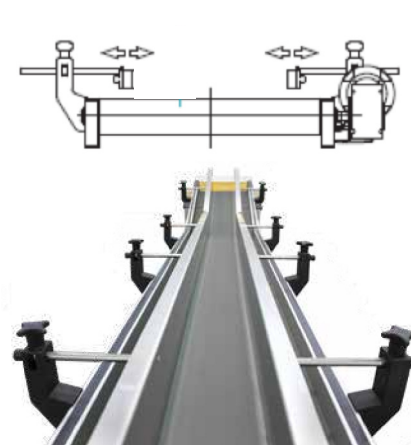
- Overedges made of stainless steel AISI 304 h 80 mm complete with additional side protections
- Solution to be proposed when products must not come into contact with non-FDA surfaces or to avoid small pieces getting stuck between the side panels and the profile



overedges 40 W

CHARACTERISTICS

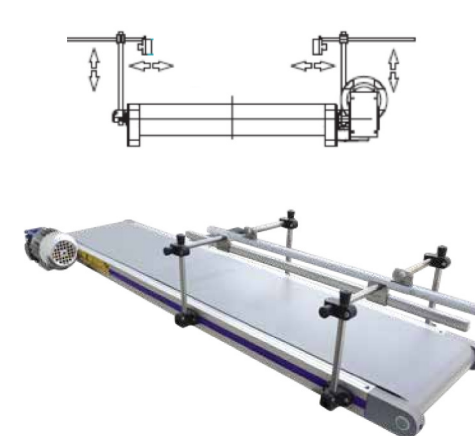
- Adjustable in width
- To convey products (e.g. boxes) with large size



overedges 40 WH

CHARACTERISTICS

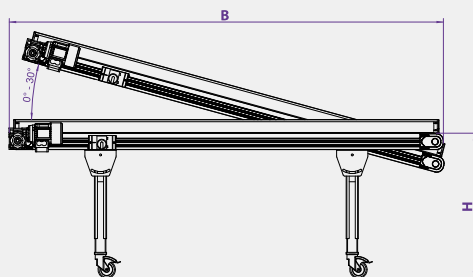
- Overedges adjustable both in width and height
- To convey products (e.g. boxes) with large size



legs adjustable in inclination

CHARACTERISTICS

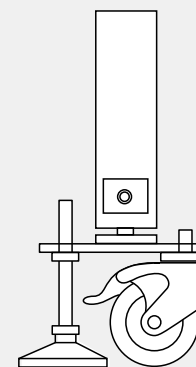
- Legs adjustable in inclination from min 0° to max 30°



feet and wheels

CHARACTERISTICS

- Stabilizer feet to avoid vibrations
- Particularly recommended with robot applications



with standard drive unit or drive unit under conveyor

with drum motor

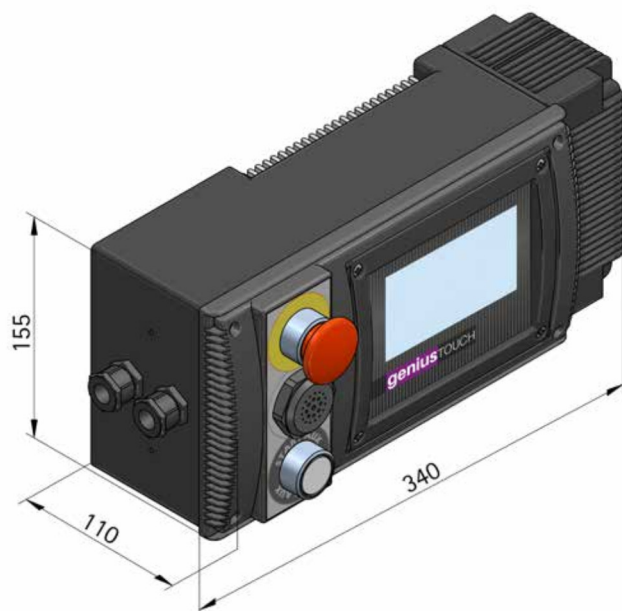
STANDARD DRIVE ROLLER OR DRIVE ROLLER UNDER CONVEYOR DIAM. 76

RATIO MOTOR	MOTOR POWER KW	SPEED MT/M
1:80	0,12 KW	4,5 mt/m
1:60	0,12 KW	6 mt/m
1:50	0,12 KW	7 mt/m
1:40	0,18 KW	9 mt/m
1:30	0,18 KW	12 mt/m
1:25	0,18 KW	14,5 mt/m
1:20	0,25 KW	18 mt/m
1:15	0,25 KW	24 mt/m
1:10	0,37 KW	36 mt/m

DRUM MOTOR ROLLER DIAM. 80

RATIO GEARBOX	WIDTH
Ø 80 mm - 0,04 KW - 3,5 mt/m	width min 300 mm
Ø 80 mm - 0,08 KW - 6 mt/m	width min 300 mm
Ø 80 mm - 0,14 KW - 8,5 mt/m	width min 300 mm
Ø 80 mm - 0,14 KW - 11,5 mt/m	width min 300 mm
Ø 80 mm - 0,14 KW - 13 mt/m	width min 300 mm
Ø 80 mm - 0,14 KW - 17 mt/m	width min 300 mm
Ø 80 mm - 0,14 KW - 18,5 mt/m	width min 300 mm
Ø 80 mm - 0,14 KW - 26,5 mt/m	width min 300 mm





CHARACTERISTICS

- The Genius Control Panel offers multiple and specifically programmable functions (see data sheet)

TECHNICAL FEATURES

- Maximum power: 0.75 kW
- Rating: IP 54

GENIUS CONTROL PANEL

GENIUS CONTROL PANEL	
PROGRAM	
MANUAL	For manual operation
PAUSE-WORK	Sets work and pause timing in hours, minutes and seconds.
PULSE	For pulse operation
FEEDER	Starts up the conveyor for a time equal to the duration of the signal coming from the robot. At the end of the feed signal, the control panel stops the conveyor and waits for the next signal.