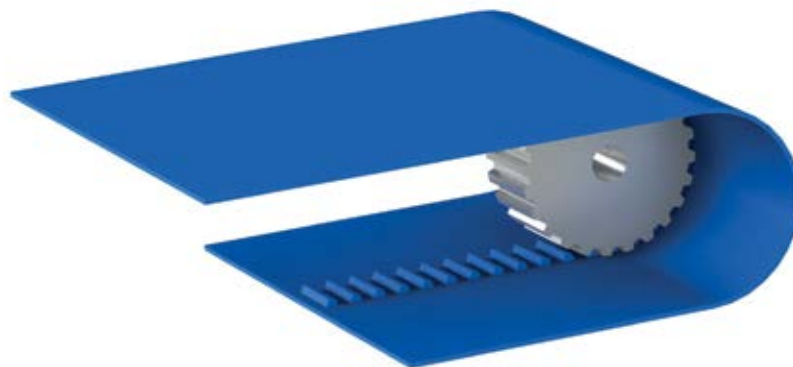




"THE BELT THAT COMBINES CONVEYANCE AND SYNCHRONOUS DRIVE WITH EXTREME PRECISION"



	010 SERIES			100 SERIES	200 SERIES	
Reference	AG010	AG010R	AG010R+	AG110 R	AG208 R	AG212 R
Material	Polyurethane					
Colour	Blue	Blue	Blue	Blue	Blue	Blue
Top surface	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth
Hardness	80 ShA	85 ShA	85 ShA	95 ShA	95 ShA	95 ShA
Aramid cable reinforcements	NO	YES	YES	YES	YES	YES
Pitch (mm)	10	10	10	10	8	12.7
Teeth WxH (mm)	25x3	25x3	25x4.5	25x3	50x4.5 ⁽¹⁾	30x5
Thickness (mm)	1.7	1.7	1.7	2.3	3	3
Max. width (mm)	350	350	350	350	350	350
Min. pulley diameter (mm)	25	37	37	50	65	65
Temperature range	-20°C to +40°C	-20°C to +50°C	-20°C to +50°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C
Traction force at 0,45% elongation for a width of 100mm	3 daN	30 daN	30 daN	75 daN	95 daN	95 daN

⁽¹⁾ Before 2016 : 30x4.5

It is possible to produce special belts with specific (non-standard) characteristics (thickness, hardness, cable distribution, two layers). For minimum quantities, please contact us.

Reinforced belts are joined in a standard belt press. A butt weld is not recommended.



DEL/SYNC®

The positive drive DEL/SYNC® is a **reinforced solid belt combining conveyance and synchronous drive with extreme precision** and hygiene.

It offers **excellent guidance** thanks to solid moulded teeth and **precise positioning** of the transported products.

The DEL/SYNC® is **reinforced with aramid reinforcements** that eliminate elongation.

Both the upper and lower surfaces are easy to clean and ensure **optimal hygiene**.

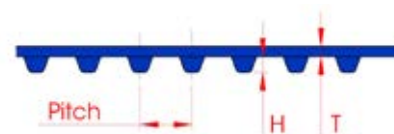
DEL/SYNC® also works with **small pulley diameters**.

Products in the DEL/SYNC® range offer a belt tailored **to different applications**. Consideration should be given to the need for adherence, pulley diameter, loads conveyed, length of conveyor...

A molded studded surface is available on request.

Synchronous shaped profiles can be fitted to the belt to ensure accurate indexing of the conveyed products.

To facilitate the assembly and adjustment of a DEL/SYNC® belt, it is essential to provide a **fixed tension system** with **take up equal to 1.5%** of the length of the conveyor. In the case of belts installed in parallel, **independent tension systems** must be provided.



SPROCKETS

REFERENCE	COLOUR	MATERIAL	NUMBER OF TEETH	WIDTH (mm)	PITCH (mm)	OUTER Ø (mm)	Ø OF ROUND SHAFT (mm)	DEL/SYNC® SERIES
PA10BUN12R16	Blue	HDPE	12	33	10	37	16	010
PA10BUN16R16	Blue	HDPE	16	33	10	50	16	010 and 100
PA10BUN24R25	Blue	HDPE	24	33	10	74.5	25	010 and 100
PA10BUN36R25	Blue	HDPE	36	33	10	113	25	010 and 100
PA13WUN24R25	White	HDPE	24	38	12.7	94.6	25	200 (except AG208R)
PA13WUN36R25	White	HDPE	36	38	12.7	143.1	25	200 (except AG208R)

Stainless steel sprockets on request.

The minimum pulley diameters are given for minimum temperatures of 15°C. Please enquire for any other temperature.

ACCESSORIES



PROFILES

- 2 types of profile: rounded and flat.
- The rounded base of the profiles makes belt cleaning easier and avoids bacterial development.
- Profiles can be high-frequency welded.*
- Flight supports (gussets) can be used to reinforce the profiles for heavy loads.

* Except on the DEL/DRIVE® 50H belt and POSITIVEBELT® polyester, on which the profiles are hot fillet-welded.

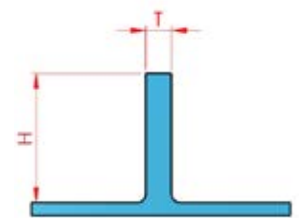


Flight supports

FLAT PROFILES



T: THICKNESS (mm)	H: HEIGHT (mm)	MAX. WIDTH (mm)	MIN. PITCH (mm)
2	5 to 130	1000	Conveyor belt's pitch
3	5 to 130	1000	
4	5 to 130	1000	
5	5 to 130	1000	

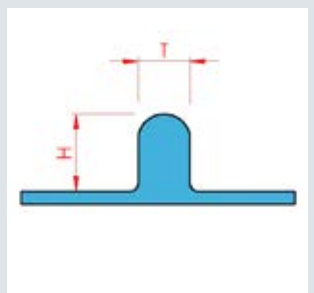


Please enquire for other thicknesses.
DEL/SYNC®: Consult us.

ROUNDED PROFILES



T: THICKNESS (mm)	H: HEIGHT (mm)	MAX. WIDTH (mm)	MIN. PITCH* (mm)
6	10	1000	50
8	13	1000	50
9	14	1000	50
12	18	1000	50



*POSITIVEBELT® and DEL/SYNC®: Consult us.

SIDEWALLS

- For better containment of loose products.
- 20 to 80 mm high.
- Lateral trapezoid-shaped guides can be welded.
- The belt pulley diameter should be at least 2.5 times bigger than the height of the sidewalls.





ACCESSORIES

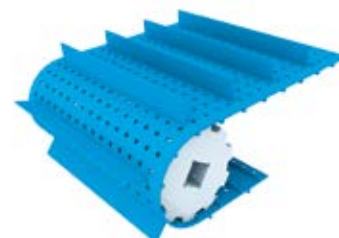
TROUGH CONFIGURATION

The flexibility and tension-free operation of the conveyor DEL/DRIVE® and POSITIVEBELT® belts allow special configurations that are not feasible with modular belts, such as trough configuration.



PERFORATIONS

Perforated belts facilitate drainage of transported products. Material can be perforated on request to varying diameters.



DRIVING DRUM

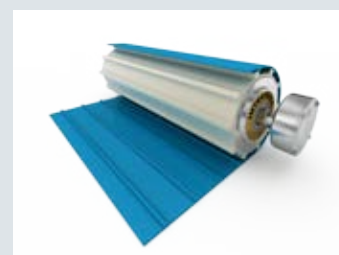
The driving drum on DEL/DRIVE® or POSITIVEBELT® belts reduces the footprint of conveyors and makes cleaning easier.

Solution 1: Smooth drum fitted with HDPE sprockets on stainless steel bushing (DEL/DRIVE® and POSITIVEBELT®).

Solution 2: Drum with profiled lagging in polyurethane (DEL/DRIVE®).



Solution 1



Solution 2

RETAINING CLIP

The retaining clip locks the sprockets, wheels and disks laterally on a square 40x40 mm shaft.



JOINING METHODS



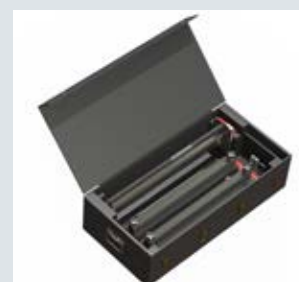
BUTT WELDING

With sets of plates adapted for the tables, the welding tools for thermoweldable homogeneous belts can join DEL/DRIVE® 50, DEL/DRIVE® 25 and POSITIVEBELT® end to end while at the same time respecting the spacing.

Easy to handle, easy and quick to joint in the workshop and on site.



REFERENCE	MAX. WIDTH (mm)	WATTAGE (WATT)	VOLTAGE (V)
KITSOUDURED400	400	615	220
KITSOUDURED650	650	900	220
KITSOUDURED1100	1100	1450	220



The welding kit comprises:

- A heater bar
- A welding table
- Instructions
- Accessories
- A plastic case on caster wheels

REFERENCE	MAX. WIDTH (mm)	PRODUCT	VISUAL
PLAQMD400-DD25	400	DEL/DRIVE® 25	
PLAQMD650-DD25	650		
PLAQMD1100-DD25	1100		
PLAQMD400-DD50	400	DEL/DRIVE® 50	
PLAQMD650-DD50	650		
PLAQMD1100-DD50	1100		
PLAQMD400-PO1	400	POSITIVEBELT® P01	
PLAQMD400-PO	400	POSITIVEBELT® P02*	
PLAQMD650-PO	650		
PLAQMD1100-PO	1100		

*Specific adaptors for POSITIVEBELT® P02 polyester.

PRESS JOINTING

Serrated jointing of the DEL/SYNC®.
Cut with special tooling.

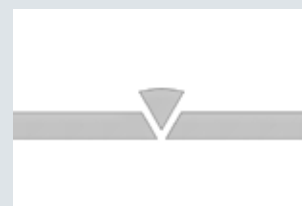
Compatible 5-bar press – Heating length 180 mm.



HOT AIR WELDING

Butt welding possible with welding seam.

Hot air welding also allows welding of profiles and belt repairs in situ in the event of snags.





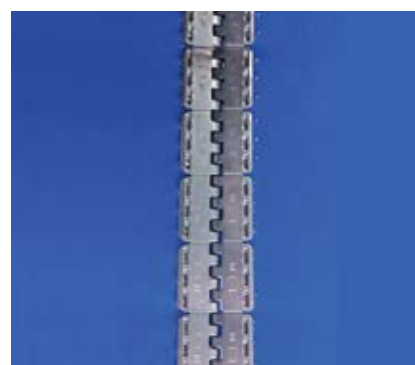
MECHANICALLY FASTEN JOINS

The DEL/DRIVE® 50 and POSITIVEBELT® conveyor belts can be jointed with mechanically fasten joins in case of frequent mounting/dismantling or repairs.

The clips facilitate removal of the belt by removing the spindle between the 2 ends for quick dismantling and cleaning of the belt and conveyor.

STAINLESS STEEL CLIPS

- Removable joint comprising 2 half-clips with stainless steel spindle.
- For belts 1.5 mm to 5 mm thick.
- Suitable for all widths.
- Using normal mechanical fastening technics.



PLASTIC CLIPS

- Available on certain thicknesses of polyurethane or polyester monolithics. Please enquire.
- Food quality (EC - FDA).
- Allows use on metal detectors.
- Up to 1100 mm in width.
- Recommended for Pulley diameters greater than 120 mm.

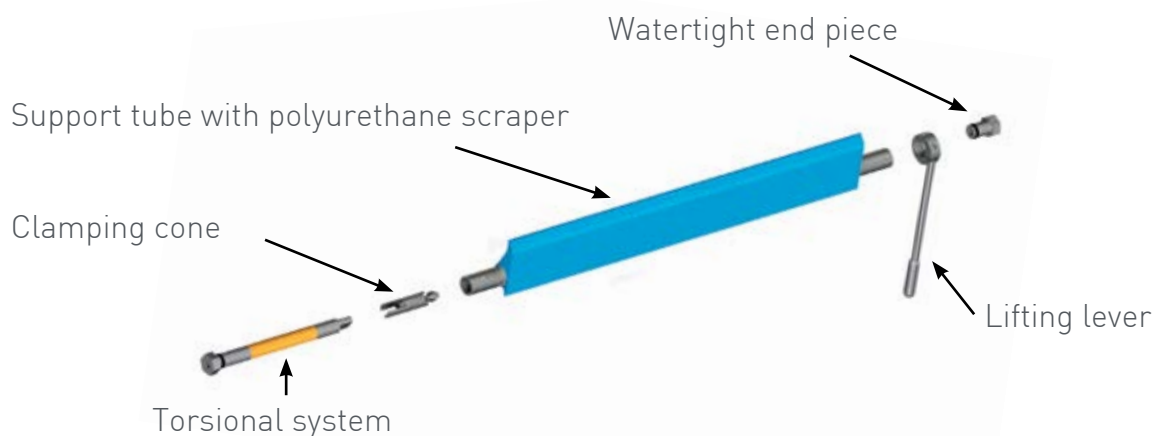


SCRAPER



The DEL/CLEAN scraper efficiently cleans the belt, ensuring permanent cleanliness of conveyor belts and avoids:

- clogging up the conveyor
- staining conveyed materials
- loss of materials

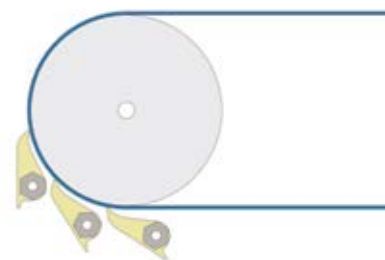


The DEL/CLEAN scraper offers many benefits:

- Small footprint
- No lateral misalignment
- Easy and quick to mount
- Can be adapted to existing or new installations
- Fits all types of conveyor belts
- Easy to clean
- Easier maintenance
- High resistance to hydrolysis: Ether base
- High resistance to abrasion: Ester base



The position of the scraper may vary depending on the need of recover the product.



SCRAPER REFERENCE	TUBE	SCRAPER			TORSIONAL SYSTEM REFERENCE	
	Ø (MM)	Height (mm)	Width (mm)	Colour	Single	Reinforced
NT70-22-W	22	70	300 to 1100	White	ST22-S	ST22-R
NT70-22-B				Blue		
NT100-27-W	27	100	400 to 1500	White	ST27-S	ST27-R
NT100-27-B				Blue		