

Plastic Systems' belt conveyors are suitable to meet the multiple needs of collection, transport, and separation of moulded or blow-moulded pieces on injection and blow moulding machines.

The NDS series is a double-bent belt conveyor having a lower flat part for the collection of pieces, an inclined part for the conveyance and an upper flat part used for separation.

The models are adjustable in height and inclination: it is possible to set the angle between the inclined part and the upper part as well as the lower part.

It is usually supplied with a PUR high-grip belt but a smooth belt with strips is also available. It is equipped with a blade separator.

Also available is the ND series, a fixed double-bent belt conveyor where the angle between the inclined part and the lower and upper parts is fixed.

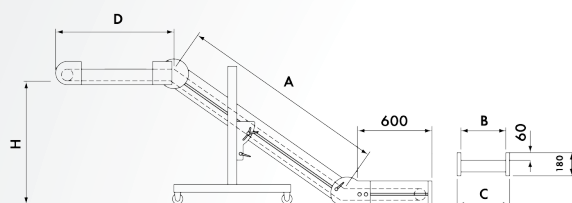


#### TECHNICAL SPECIFICATIONS:

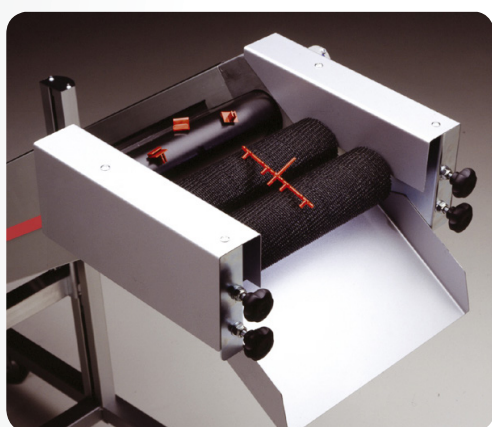
- Quick adjustment of height and inclination.
- Installed on rotating wheels with brake.
- High-resistant smooth belts or belts with strips.
- Belt speed of 3 m/min.
- Transmission power/voltage 180W/400V.
- All machines are equipped with safety devices, comply with European standards and are marked with CE logo.

#### ACCESSORIES:

- Electronic control panel with external consent for programmed operation.
- Electronic control panel with 2-cycle timer.
- Belt speeds available: 1,5–6–9–12 m/min.
- Mechanical speed controller with adjustable feed speed from 0 to 20 m/min.
- Plate metal detector.
- System for separating moulded pieces from runners.
- Tailor-made sizes.
- White belts for food applications or reinforced belts for high temperatures.
- Various separators available.



Detail of height-inclination adjustment



Double-roller separator SRD



Spiral separator SP

TECHNICAL DATA			NDS 01	NDS 02	NDS 03	NDS 04	NDS 05	NDS 06
Motor power	kW		0.37					
Voltage/Frequency	V/Hz		400/50-60					
Dimensions	mm	A	1300	1300	1300	1800	1800	1800
		B	250	350	450	250	350	450
		H	600-1000	600-1000	600-1000	800-1600	800-1600	800-1600
		C	305	405	505	305	405	505
		D	900	900	900	900	900	900