



SmartVeyor®
Pallet conveyor system



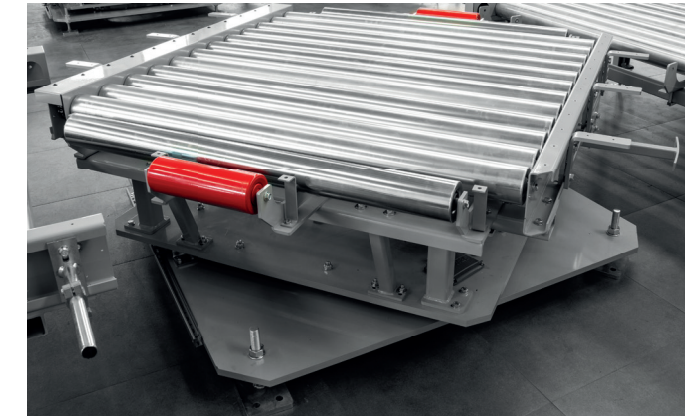
Advantages compared to traditional conveyors

- Fieldbus: no inverters in the electrical panels
- No electric motors and reducers on the transport
- Plug & play
- Clean and fast connections
- Modular
- Quiet: **less than 35dB**
- Compact
- Roller wire height level min 130 mm
- Savings of about 2.5 times on the volume of module shipments
- Significant reduction in the use of electrical cables
- Easy installation
- Low design costs
- Safe and reliable products
- Large amount of additional options, also on request

NEW PRODUCTS

- TURNABLE WITH ROLLER CONVEYOR
- TURNABLE WITH CHAIN CONVEYOR
- CHAIN CONVEYOR

ALWAYS WITH
48V TECHNOLOGY AND SAME DRIVE CARD



h100
MOVING SYSTEMS

SmartVeyor®
Pallet conveyor system

The innovative ALL IN ONE automated pallet transport system

h100
MOVING SYSTEMS

Via Pietro Nenni, 1 - Tel. +39 0522 1170307
42019 Scandiano (RE)
Partita IVA 02957620350 - info@h100.it

www.h100.it

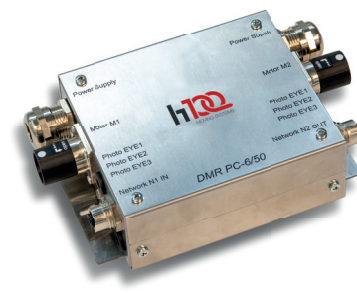
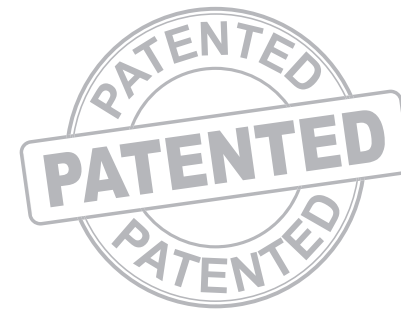


About us

H100 is an innovative start-up focusing on highest technological applications possible, which thanks to the 30 years of experience of its founders, it has developed and stands as the leader of new solutions for pallet handling.

Our headquarters are located in Scandiano, the region's center of industrial production, a proud tradition that is still alive today thanks to constant research and technological experimentation and a high-level professionalism and academic achievements.

H100 is thanks to the partnership with a leading manufacturer, another company also from the area, specializing in the production of engines high technology and with a long experience in the sector of Material Handling has already standardized the conveyor system **SmartVeyor®**.



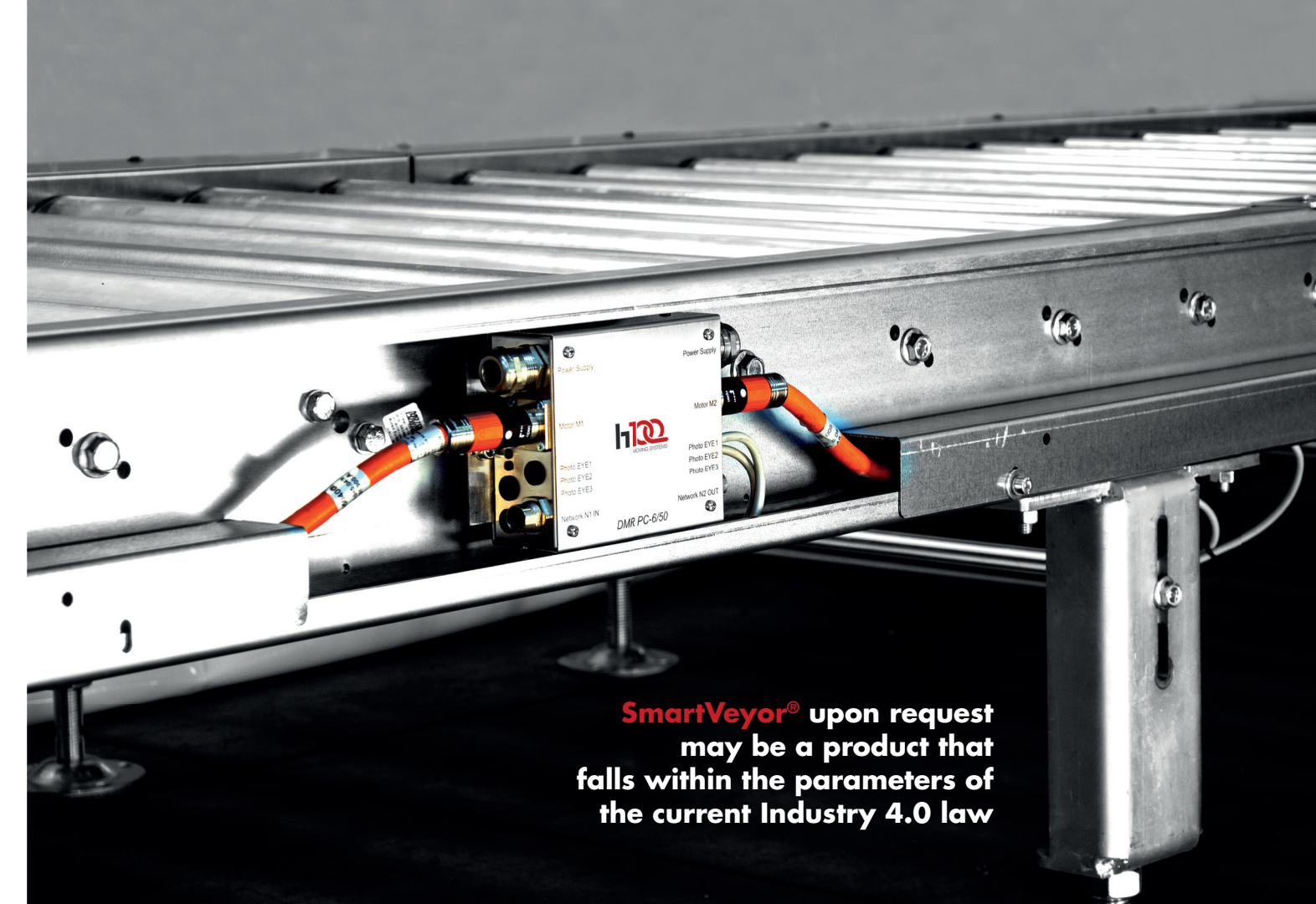
SmartVeyor® Pallet conveyor system

H100 has patented **SmartVeyor®** the new automated pallet transport system ready to enter the market bringing several advantages over traditional solutions, thanks to the use of a new concept, the motor roller.

Technical features:

- Low voltage 48V
- Maximum overall dimensions 140 mm
- Cleaning the conveyor
- Plug & Play mode
- DRIVE board with FIELDBUS, to effectively eliminate the inverters in the electrical panel, the electric motors and the gearboxes
- Quiet and clean
- Free to add various options
- Drive roller diameter 89 mm
- Maximum capacity 1500 Kg

- 48V power supply
- Power of the motor roller 335 W
- Fieldbuses are supported by the drive card: Profinet, Ethercat, EtherNet / IP
- Up to 4 drive rollers can be connected with 1 power cable
- Maximum speed 18 m / min at maximum power
- 2 types of side cover for cables, at full height or 1/3 (full height to pass many cables)
- Plug & play
- Transport volume is reduced by more than 50% compared to other traditional motors



SmartVeyor® upon request may be a product that falls within the parameters of the current Industry 4.0 law

SmartVeyor® Pallet conveyor system

STANDARD MODULES FOR EUROPEAN PALLETS
800 x 1200 - 1000 x 1200 - 1200 x 1200

- RAL 7035 painting or electrolytic zinc plating
- Leg height 240, 270 or 340 mm standard
- Overall dimensions of the structure 160 mm high
- Roller wire at 135 mm (possibility of the frame placed on the ground)

FEATURES	
SVXXX	Introduction module from roller conveyor or trolley
SVXXX	Single intermediate module
SVXXX	Double intermediate module
SVXXX	End of line module
SVXXX	Roller pitch 143 or 206 mm

OPTIONS	
	Photocells integrated in the conveyor (not visible)
	Sheet metal for pedestrian crossings
	Customizable legs (on quantity)
	Painting on request (on quantity)

CODING TABLE SmartVeyor®

Code SV (SmartVeyor®) +

R = rulli	E = entry (ingresso)	S = single	L = lunghezza pallet	H = altezza modulo	P = pitch, passo rulli	Opzioni:
C = catene	X = exit (uscita)	D = double		H240	P143	PE (photoeye)
T = turning	I = intermediate			H270	P206	SG (side guards)
S = scambio	O = moduli T, S, ML, MU			H340		MG (mounting guards)
ML = manual loading						SC (special coating)
MU = manual unloading						EB (end bar)
						RF (roller flange)



SmartVeyor® Pallet conveyor system

Standard europallet modules:
800x1200, 1000x1200, 1200x1200



- Frames painted RAL 7035 or zinc plated
- Standard height 240, 270 or 340mm
- Frame footprint: 160mm
- Roller height 135mm minimum

Configurations:

- Introduction module by forklift or roller conveyor
- Single pallet module
- Double pallet module
- End stop line module
- Roller pitch 143 or 206mm

Opzioni:



- Photoeye integrated into the frame
- Running boards
- Customized legs
- Special coating on request