

MONTECH

Automation with Intelligence

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MONTRAC

FEATURES:

- A smart transport solution with self-drive system
- Combine 10 standard components to achieve your system solutions
- Shock free and static free transportation
- Speed: Up to 30 metres per minute
- Suitable for cleanroom environments

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Testing · Production Equipment · Acoustic Analysis

Smart Moves

Applications

MONTRAC is a unique monorail system that uses self propelled shuttles to transport materials. Montrac is a modular system. Any system configuration can be achieved by using 10 standard components. Just as robots function as the arms and hands of an automated assembly line, Montrac functions as its legs and feet.

Montrac is a perfect transport system for assembly or material processing operations. Whatever your needs – from a simple loop to complex logistics – Montrac is the perfect solution.



Logistics/Packing:
Shockfree transport of optical lenses



Materials handling:
Transport of plastic for injection molding machines



Assembly technology:
Assembly of transmissions for kitchen appliances



Medical technology:
Plant for production of blood bags



Automobile supplier:
Assembly and transport of turbochargers and wiring harnesses



Electronics/electrical engineering:
Assembly of hard disc drives



Assembly technology/
product engineering:
Assembly of cleaner brushes

Technical Data

Size of platforms	min. 200 x 300 mm max. 400 x 700 mm
Maximum Speed	30 m/min.
Load	max. 24 kg
Positioning accuracy (x- and y-axis)	± 0.02 mm
Forces in Positioning Unit	max. 3 kN (15 kN on request)
Changeover time	min. 0.9 sec
Power Supply	24 VDC
Operating Pressure	3–6 bar
Sound Pressure Levels	<59 dB (A)
EMI according	EN 50081-2 and EN 50082-2

DETAILS:



Track



Shuttle



Curve



Transfer Gate

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