

## montrac® Shuttle MSH5 The intelligent transport and process solution for your company

If you want to safely transport your workpieces and products in between individual production processes and link your assembly processes more intelligently, then there is no way around the montrac® Shuttle MSH5. The current generation of the montrac® shuttles, which features a powerful 50 W motor, effortlessly moves products and workpieces weighing up to 50 kg at a speed of up to 55 m/min.

The tight curve radii of the montrac® monorail system significantly reduce the space required and allow your products to be transported reliably even in confined production conditions.

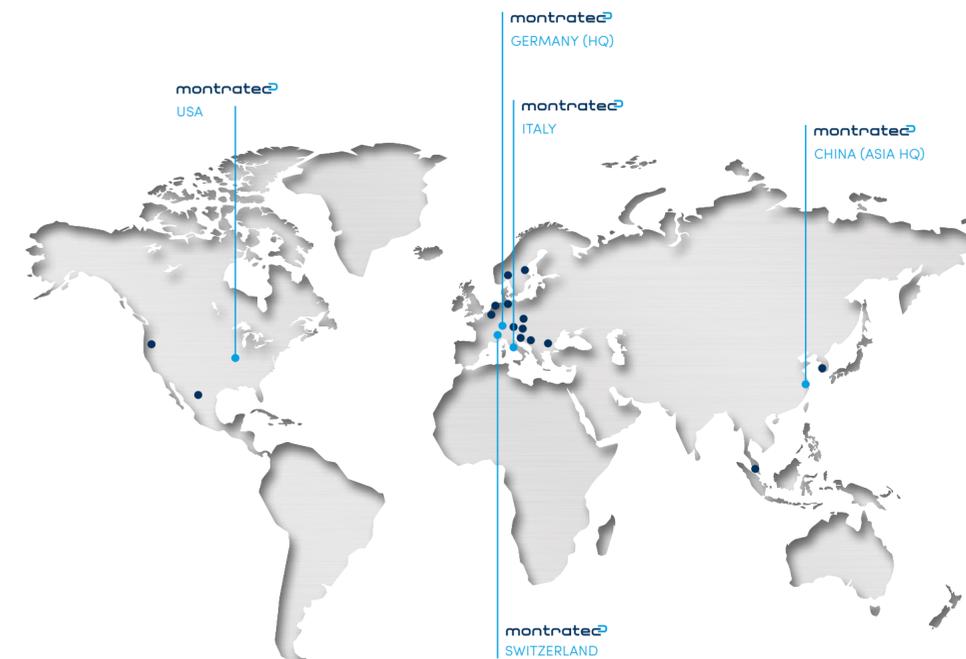
### Innovative, detail-oriented design

The montrac® Shuttle MSH5 was completely redesigned compared to the preceding generation. The shuttle works with its innovative functions and performance characteristics, which further increased its performance, efficiency and operational reliability.

**Powerful 50 W motor**  
For more balanced load curves when fully loaded.

**Custom housing**  
For the adaptation to your corporate design.

montratec



## montrac® GLOBAL PRESENCE

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## montrac® SHUTTLE MSH5

Next generation transport efficiency

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# montrac®

## SMART SOLUTIONS FOR INTRALOGISTICS 4.0

The montrac® monorail system from montratec helps you manage internal product transports and assembly processes more intelligently, more quickly, and more efficiently. montrac® allows you to link production processes between robots and workspaces more flexibly than ever before. It can also boost the automation of complete production lines – from a lot size of one to high-volume production. montrac® is far superior to conventional transport solutions using conveyor belts.

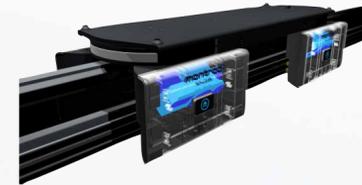
Prominent companies from the automotive, plastics, consumer goods, optics, food, medical and pharmaceutical industries, as well as other sectors, are maximising their material throughput and minimising cycle times with montrac®.

montrac® therefore makes a vital contribution to helping you take advantage of the tremendous opportunities offered by Industry 4.0. With smart solutions for Intralogistics 4.0.

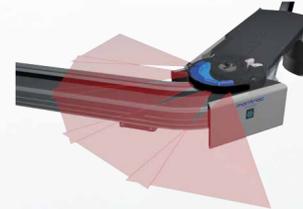


### Assured: Sustainable benefits for your production processes.

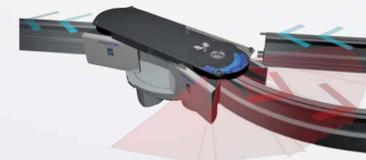
The montrac® Shuttle MSH5 opens up unique ways for companies to link their production processes. Shuttle variants with payloads of 15, 30 or 50 kg offer the perfect transport solution for any application. Innovative 5-beam sensor modules that are optionally available on the front and rear axles ensure collision free and monitored turning and reversing while also allowing wide workpiece carriers to be monitored.



**New drive concept in a 45° layout**  
For increased stability and an improved force transmission to the montrac® monorails.



**Curve control**  
5-beam sensor module at the front axle for collision-free and monitored turning with wide workpiece carriers.



**Direction control**  
5-beam sensor module at the rear axle for collision-free and monitored reverse travel with wide workpiece carriers.



#### Reliable

Payload of up to 15 kg (1-axle variant), 30 kg (2-axle variant) or 50 kg (2-axle heavy load variant).



#### Safe

5-beam sensor module solution at the front and rear axle for collision-free turning and reversing.



#### Fast

Up to 55 m/min.



#### Future-proof

Compatible components for current and older montrac® systems.

100%

#### antistatic system

montrac® complies with the guidelines of EN61000-6-2:2005 as well as EN61000-6-4:2011 and is perfectly suited for applications in the electronics, semiconductor, pharmaceutical and medical industries.



#### Flexible

Throughput can be easily scaled with the number of shuttles



#### Customisable

Customised housings allow for the adaptation to your corporate design.



#### Low maintenance

Modular drive and control units; maintenance-free low-voltage motor; shuttle and switches are the only active components.

### Technical data

<b>Maximum payload</b>	15 kg (1-axle variant), 30 kg (2-axle-variant with 2WD), 50 kg (2-axle heavy load variant)
<b>Maximum speed</b>	55 m/min
<b>Supply voltage</b>	24 V DC
<b>Length</b>	300 mm, 400 mm or 550 mm
<b>Sound pressure level</b>	< 59 dBA
<b>Surroundings (temperature/humidity):</b>	10 °C – 40 °C at 5 % – 85 %
<b>100% antistatic system</b>	meets the guidelines of EN61000-6-2:-22005 and EN61000-6-4:2011
<b>Controller type</b>	TracControl 2

Technical changes as well as colour and design modifications are subject to amendment.