

miniconveyor™

Portable

Manufactured in 10 ft (3m) lengths* and weighing only 170 lbs (77kg), they can be carried into position and set up in minutes. A foam filled core sandwiched between stainless steel plates means they are structurally strong, while remaining light and durable. The units stack and lock for easy transport. All accessories, hoppers and side extensions are also constructed from weight saving material.

*Available lengths: 5' (1.5m), 10' (3m), 15' (4.5m), 20' (6m)
Available widths: 15" (40cm), 20" (52cm)

Powerful

Miniconveyor uses powerful 370 and 550 watt motors, mounted inside the end rollers and specifically designed and manufactured in the USA for the application. Turning the belts at 80 and 120 ft/min on 60Hz, and 64 and 96 ft/min on a 50Hz 120V electrical system, Miniconveyor is the fastest conveyor system in its class.

Versatile

Up a flight of stairs and turn 90°, no problem. Run on a 40° incline into a hopper or 200 ft (60m) across a rooftop. Miniconveyor is the solution to difficult excavation or conveying problems. Mount them on mobile equipment, or install as permanent conveyors in your plant. Miniconveyor has been used in the confined areas of coal mines as well as many difficult landscaping environments. The belts are reversible.

Rugged

Built for tough and demanding environments. The belt cleats are attached using high frequency welding to ensure long life. Corrosion free, all aluminum and stainless steel construction. Drive motors are sealed to IP65 standards and protected by a thermal overload circuit to guard against damage. The impact resistant control box is waterproof and built to last. They cannot be built any tougher.

The Portable, Powerful CONVEYOR SYSTEM 110/120V



Modular construction lends itself to a customer designed installation. Units can be locked together using a clamp kit and 4 modules can provide a 40 ft. (12m) unsupported span. Use the 20 ft kit and 2 units become a solid 20 ft (6m) unit. There are hoppers for hand loading and hoppers for machine loading. For greater tonnage, run units in tandem with a double-wide hopper. Side extensions can reduce spillage. Wheels are also available.

Safe

Every part of the system has been designed with safety in mind. The control box safety circuit is a 24 AC and it is GFI-rated to prevent electrical problems. The drive mechanism is contained within the frame offering no pinch points and the belt edges are protected under guard. Side extensions and hoppers are easily installed using bolts to ensure a secure assembly.



The Conveyor shop

www.theconveyorshop.co.uk +44(0) 116 2312183 sales@theconveyorshop.co.uk



ACCESSORIES

miniconveyor™



A **cantilever** set on a **leg kit** enables the discharge conveyor to overhang.

Side extensions allow for moving loose materials to eliminate any spillage.

Hand loading, Minidigger and Skid steer **Hoppers** are available.

Clamp Kits lock units together to span up to 40' with no center support.
(Transition Clamp kit pictured)

Adjustable **leg kits** set up and adjust quickly without tools. Turn corners and convey material at angles up to 40°

Miniconveyor is available in 5', 10', 15' and 20' lengths and in widths of 15" and 20". A number of voltages and belt types are available.



CONVEYOR	15" wide	20" wide
Length	10 ft (3m)	10 ft (3m)
Width	15 in (40cm)	20 in (52cm)
Depth	7.5 in (19cm)	7.5 in (19cm)
Weight	170 lbs (77kg)	200 lbs (90kg)
Construction (Beds/Sides)	Stainless/Aluminum	Stainless / Aluminum
Speed 120V (60Hz)	80 feet/minute	120 feet/minute
Speed 120V (50Hz)	64 feet/minute	96 feet
Nominal Load	300 lbs	450 lbs
Maximum Angle <small>*Load and condition dependent</small>	40 Degrees	40 Degrees
BELT	15" wide	20" wide
Material	Reinforced PVC	Reinforced PVC
Width	12 inches	17 inches
Thickness	0.125 inches	0.125 inches
Fastener	Stainless Wire Hook	Stainless Wire Hook
Standard Cleats*	1" on 12" center	1" on 12" center
<small>*Other belt types available including MSHA, food grade, smooth, all grip, chevron and cleats up to 3" in height</small>		
ELECTRICAL	15" wide	20" wide
Motor Type	Electric	Electric
Voltage	Single Phase 120V	Single Phase 120V
Input Power 120V	370 watts	550 watts
Thermal Protection	Thermal Circuit	Thermal Circuit
Compliance	CE Standards & UL	CE Standards & UL
Motor Protection	Enclosed IP65	Enclosed IP65
CONTROL	15" wide	20" wide
Units per 120V Control box	3 Conveyors	2 Conveyors
Units per 120V Slave box	3 Conveyors	2 Conveyors
CONTROL SYSTEM	15" wide	20" wide
Safety System	Monitored Loop	Monitored Loop
Control Voltage	24 volt AC	24 volt AC



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