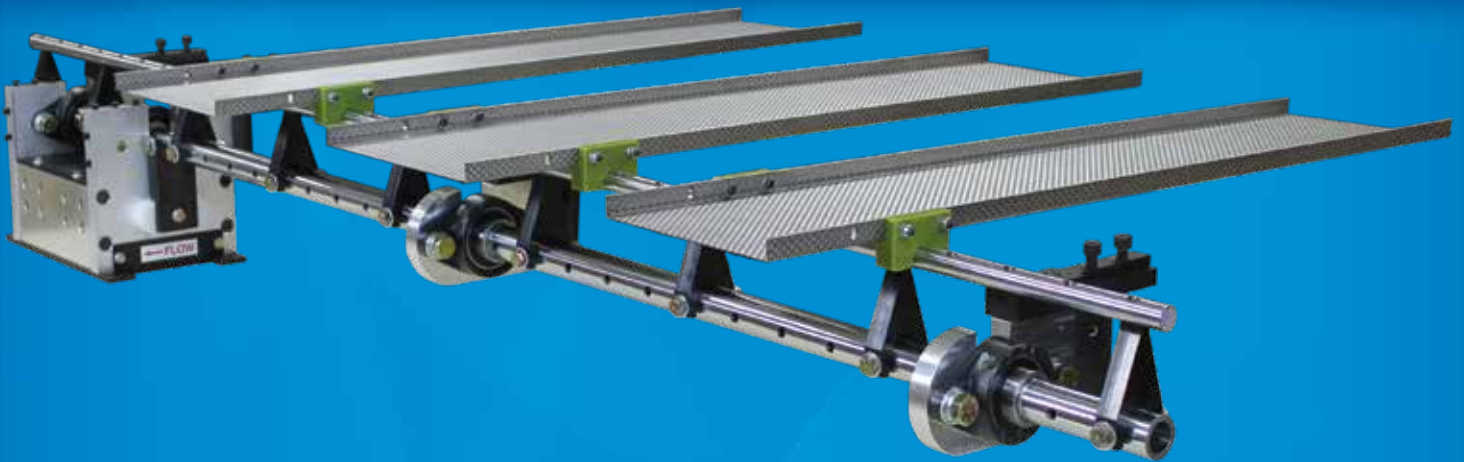
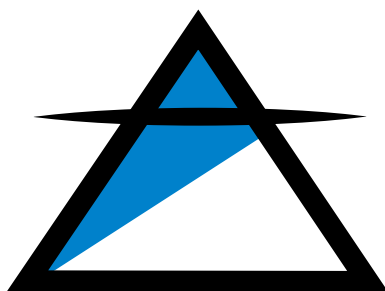




PRODUCT CATALOG





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Radial Pro-450

Radial Motion Pneumatic Conveyor Systems

Systems available in 24" - 96" lengths

The all new Radial Pro products allow metal stampers to make a quantum leap forward in their approach to removing scrap metal from a stamping press. This patent pending technology employs radial conveying motion and eliminates the damaging effects of leverage force and conveying inefficiencies caused by offset loading.

Radial Pro-450 Pneumatic Conveyor Systems Include:

- RP450 Radial Motion Pneumatic Conveyor Drive with standard face plate and base plate mounting options
(Optional T-Slot Tongue mounting available at additional cost)
- Pivot Rack Support Assemblies with standard face plate mounts
(Optional T-Slot Tongue mounting available at additional cost)
- Tray Shaft Connectors
- Tray Shaft
- Pivot Shaft
- Filter/Regulator Assembly
- Full 1-Year Warranty
- Patent Pending
- **Made in the USA**
- Heavy Duty Construction
- Flexible Mounting Options
- Eliminates Offset Loading Issues
- Mount Conveyor Trays Anywhere
- Smooth Radial Motion
- Lubrication Free Design
- No Dynamic O-Ring Seals
- Inexpensive and Easy to Maintain
- Low Operating Cost
- Simple to Install and Operate
- Efficient Material Movement

Radial Pro-450 Specifications

Maximum Operating Pressure	0-80 PSI
Air Consumption	1 CFM @ 120 Strokes/Minute
Air Requirements	Dry Filtered Air
Operating Temperature	0-120 Fahrenheit
Average Push Force	450 LB @ 80 PSI
Stroke Length	1.25"
Average Conveying Speed	12.50 Feet/Minute
Tray Weight Capacity	100 LB
Material Load Capacity	150 LB
Maximum Pivot Rack Length	96.00"
System Height	13.25"
System Depth	10.50"
System Length	24.00" To 96.00"
Drive Weight	88 LB



Radial Pro-900

Radial Motion Pneumatic Conveyor Systems

Systems available in 24" - 144" lengths

The all new Radial Pro products allow metal stampers to make a quantum leap forward in their approach to removing scrap metal from a stamping press. This patent pending technology employs radial conveying motion and eliminates the damaging effects of leverage force and conveying inefficiencies caused by offset loading.

Radial Pro-900 Pneumatic Conveyor Systems Include:

- RP900 Radial Motion Pneumatic Conveyor Drive with standard face plate and base plate mounting options
(Optional T-Slot Tongue mounting available at additional cost)
- Pivot Rack Support Assemblies with standard face plate mounts
(Optional T-Slot Tongue mounting available at additional cost)
- Tray Shaft Connectors
- Tray Shaft
- Pivot Shaft
- Filter/Regulator Assembly
- Full 1-Year Warranty
- Patent Pending
- **Made in the USA**
- Heavy Duty Construction
- Flexible Mounting Options
- Eliminates Offset Loading Issues
- Mount Conveyor Trays Anywhere
- Smooth Radial Motion
- Lubrication Free Design
- No Dynamic O-Ring Seals
- Inexpensive and Easy to Maintain
- Low Operating Cost
- Simple to Install and Operate
- Efficient Material Movement

Radial Pro-900 Specifications

Maximum Operating Pressure	0-80 PSI
Air Consumption	2 CFM @ 120 Strokes/Minute
Air Requirements	Dry Filtered Air
Operating Temperature	0-120 Fahrenheit
Average Push Force	900 LB @ 80 PSI
Stroke Length	1.25"
Average Conveying Speed	12.50 Feet/Minute
Tray Weight Capacity	200 LB
Material Load Capacity	300 LB
Maximum Pivot Rack Length	144.00"
System Height	13.25"
System Depth	10.50"
System Length	24.00" To 144.00"
Drive Weight	90 LB

RADIAL PRO SYSTEM COMPONENTS AND ACCESSORIES

Radial Pro Pneumatic Conveyor Drives

Durable radial motion pneumatic conveyor drives include: filter/regulator assembly, face mount plates, and radial flange bearings for mounting to the pivot rack assembly. This conveyor drive does not function without the use of the pivot rack assembly.



Model
RP450
RP900

Included with system

Pivot Rack Support Assembly

Durable assembly provides smooth radial bearing guided support to the pivot rack.

Model
RP-PRSA



Included with system

Pivot Shaft

Chrome plated steel pivot shaft.

Model
RP-PS-Length



Included with system

T-Slot Tongue
Optional Accessory

Tray Mount Kit
Optional Accessory

Radial Pro-Pneumatic Conveyor Drive
Included with system

Pivot Rack Support Assembly
Included with system

OPTIONAL ACCESSORIES

T-Slot Tongue

Tongues fasten to Radial Pro Conveyor Drive and Pivot Rack Support Assemblies and provide for quick, trouble free mounting to surfaces with T-Slots.

Model
RP-TST-3/4
RP-TST-1

Fits Standard T-Slots Size
3/4"
1"



Optional add on

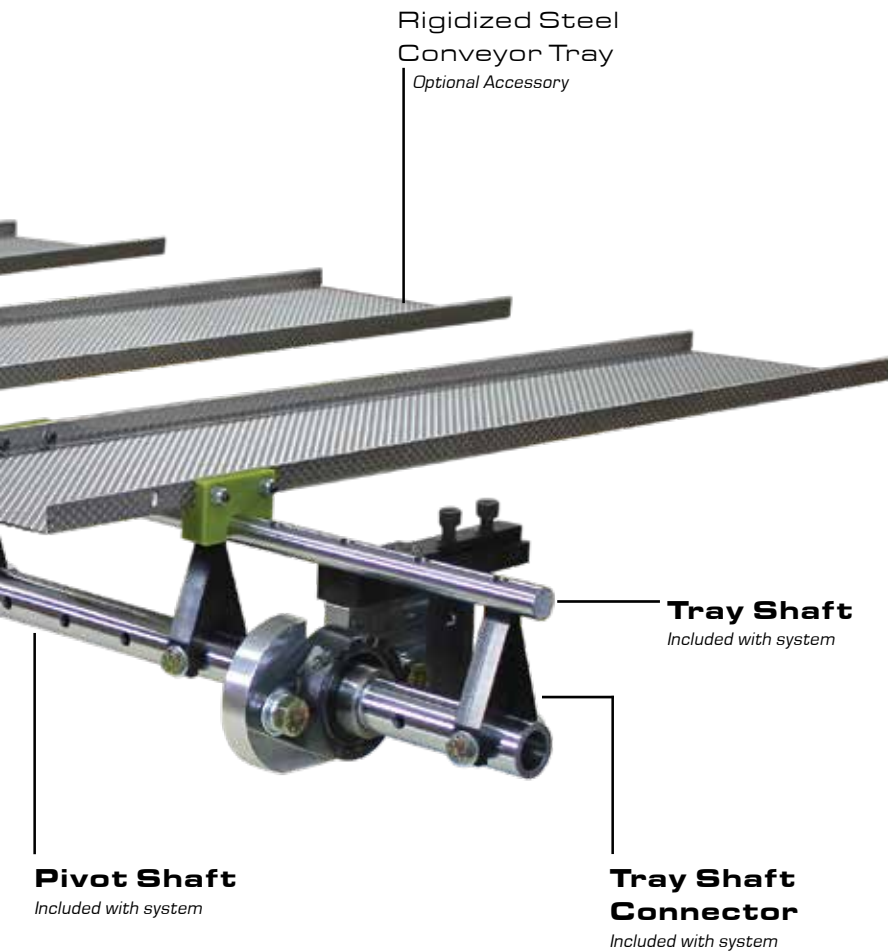
Tray Mount Kit

Durable mounts fasten to the side flanges of the tray and allow for quick, trouble free installation of the tray assembly to the tray shaft.

Model
RP-TMK-1.0
RP-TMK-1.5
RP-TMK-2.0
RP-TMK-2.5

Tray Ride Height
(from underside of tray to bolster surface)
1.0"
1.5"
2.0"
2.5"





Tray Shaft Connector

Durable steel connector for attaching tray shaft to pivot shaft. Includes mounting hardware.

Model
RP-TSC



Included with system

Tray Shaft

Chrome plated steel tray mounting shaft.

Model
RP-TS-Length



Included with system

Filter/Regulator Assembly

Includes: filter/regulator, pressure gauge, on/off ball valve with air dump, quick remove push lock fitting, 10ft push lock airline.

Model	Air Line Size
PI-FRA-1/4	1/4"
PI-FRA-3/8	3/8"



Included with system

Tray Support Platform

Quick remove adjustable t-slot mounted 18" wide platform attaches to bolster and provides a wear resistant tray support surface. Includes mounting hardware. Eliminates having to use wear pads on the bottom of each tray.

Model	Tray Ride Height (from underside of tray to bolster surface)
RP-TSP-1.0	1.0"
RP-TSP-1.5	1.5"
RP-TSP-2.0	2.0"
RP-TSP-2.5	2.5"



Rigidized Steel Conveyor Trays

- All Trays Are Made of 16GA Rigidized Steel
- All Trays Have 1" Tall Hemmed Sides for Improved Strength and Safety
- Trays Are Available in Additional Sizes (Please Call for Pricing)

Model
RSCT-Width-Length



Shuttle Pro Linear Motion Pneumatic Conveyor Drives



MODELS - General Specifications

MODELS

Include:

- Filter/Regulator Assembly
- Full 1-Year Warranty

Shuttle Pro 100LP

Low profile pneumatic conveyor drive for use in single tray conveying applications



Shuttle Pro 150

Compact pneumatic conveyor drive for use in single or multiple tray conveying applications



Shuttle Pro 200HS

High conveying speed pneumatic conveyor drive for use in single or multiple tray conveying applications



Operating Pressure	0-80 PSI	0-80 PSI	0-80 PSI
Air Consumption	0.21 CFM @ 120 Strokes/Minute	0.36 CFM @ 120 Strokes/Minute	1.53 CFM @ 120 Strokes/Minute
Air Requirements	Dry Filtered Air	Dry Filtered Air	Dry Filtered Air
Operating Temperature	0-120° F	0-120° F	0-120° F
Push Force	100 LB @ 80 PSI	150 LB @ 80 PSI	200 LB @ 80 PSI
Stroke Length	1.25"	1.25"	4.00"
Average Conveying Speed	12.50 Feet/Minute	12.50 Feet/Minute	40 Feet/Minute
Tray Weight Capacity	25 LB	37.50 LB	50 LB
Part Load Capacity	50 LB	75 LB	100 LB
Max. Cross Bar Length	N/A	30.00"	36.00"
Drive Height	2.50"	3.75"	4.00"
Drive Width	4.75"	9.00"	10.00"
Drive Length	17.00"	8.50"	19.00"
Drive Weight	28 LB	23 LB	57 LB

- Heavy Duty Black Oxide Coated Steel Construction
- **Made In The USA**
- Lubrication Free Design
- No Dynamic O-Ring Seals
- Easy to Maintain
- Low Operating Cost
- Simple to Install
- Easy to Operate
- Efficient Material Movement



MODELS - General Specifications

MODELS

Include:

- Filter/Regulator Assembly
- Full 1-Year Warranty

Shuttle Pro 250

Compact pneumatic conveyor drive for use in single or multiple tray conveying applications



Shuttle Pro 500

Compact pneumatic conveyor drive for use in single or multiple tray conveying applications



Shuttle Pro 1000

Compact pneumatic conveyor drive for use in single or multiple tray conveying applications



Operating Pressure	0-80 PSI	0-80 PSI	0-80 PSI
Air Consumption	0.62 CFM @ 120 Strokes/Minute	1.13 CFM @ 120 Strokes/Minute	2.05 CFM @ 120 Strokes/Minute
Air Requirements	Dry Filtered Air	Dry Filtered Air	Dry Filtered Air
Operating Temperature	0-120° F	0-120° F	0-120° F
Push Force	250 LB @ 80 PSI	500 LB @ 80 PSI	1000 LB @ 80 PSI
Stroke Length	1.25"	1.25"	1.25"
Average Conveying Speed	12.50 Feet/Minute	12.50 Feet/Minute	12.50 Feet/Minute
Tray Weight Capacity	62.50 LB	125 LB	250 LB
Part Load Capacity	125 LB	250 LB	500 LB
Max. Cross Bar Length	48.00"	96.00"	144.00"
Drive Height	5.00"	5.75"	7.25"
Drive Width	9.00"	10.00"	12.00"
Drive Length	9.00"	9.00"	9.00"
Drive Weight	42 LB	56 LB	83 LB

SHUTTLE PRO ACCESSORIES

Refer to the diagram below
for several of the Shuttle
Pro optional accessories

Face Mount Plates

Plate attaches to either end of your Pneumatic Conveyor Drive and allows for mounting to perpendicular surfaces. Plate also allows for mounting of optional T-Slot tongues.

Model

SP150-FMP
SP200HS-FMP
SP250-FMP
SP500-FMP
SP1000-FMP



T-Slot Tongue Sets

Tongues fasten to the face mount plate and/or the universal cross bar Support set and provide for quick, trouble free mounting to surfaces with T-Slots.

Model	Fits Standard T-Slots Size
SP-TST-3/4	3/4"
SP-TST-1	1"



Extruded Aluminum Cross Bar

Cross bar mounts to the top of the Pneumatic Conveyor Drive and provides a platform for mounting single or multiple conveyor trays. Available in 1" increments up to 144"

Model

SP-EACB-Length



Universal Cross Bar Support

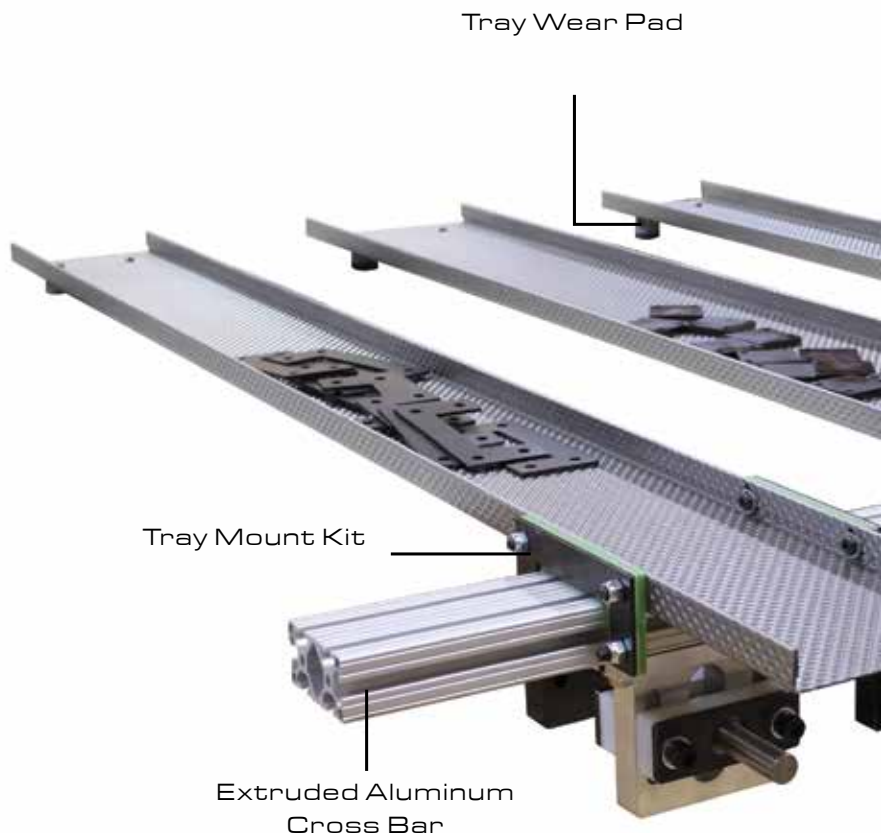
Supports provide stability to the extruded aluminum cross bar for applications using multiple trays. Supports should be used with cross bars 72" in length and greater.

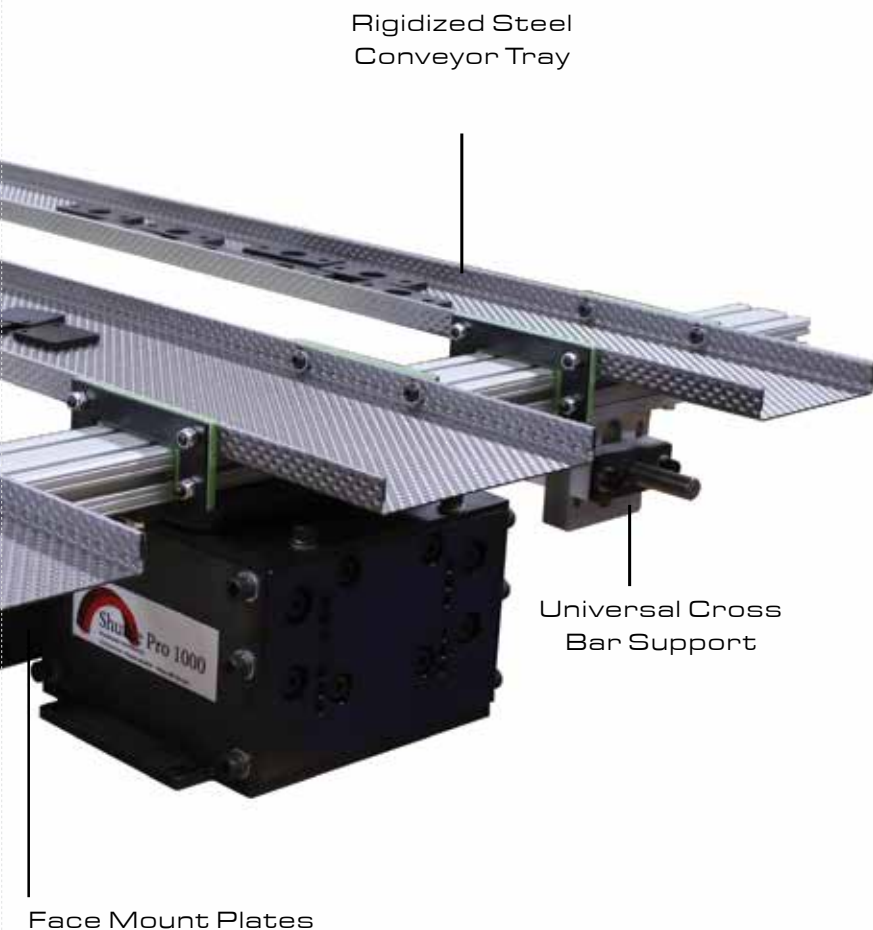
Model

SP-UCBS



NOTE: Includes your choice of T-Slot Tongues





Rigidized Steel
Conveyor Tray

Universal Cross
Bar Support

Face Mount Plates

Tray Mount Kit

Durable nylon mounts with steel backing plates fasten to the side flanges of the tray and allow for quick, trouble free mounting of the tray assembly to the cross bar.

Model Fits Bar Size
SP-TMK 1-1/2" x 3"



Tray Mount Kit Clamps



Clamps mount on the cross bar and secure the tray mount kit to prevent potential sliding or rising of the tray assembly.

Model
SP-TMKC

Tray Wear Pad

Threaded steel plate with a removable UHMW wear pad can be fastened or welded to the underside of the tray to prevent wear issues.

Model **Size**
RSCT-TWP 1-1/4" Dia x 1" H



Rigidized Steel Conveyor Trays

- All Trays Are Made of 16GA Rigidized Steel
- All Trays Have 1" Tall Hemmed Sides for Improved Strength and Safety
- Trays Are Available in Additional Sizes (Please Call for Pricing)

Model
RSCT-Width-Length





Pneumatic Conveying Solutions for the Metal Stamping Industry

Our mission is simple. We believe that our products should offer our customers the greatest possible value when compared to our competition. This means the highest quality at the lowest price. We are sure that when you compare, you will agree.

5369 Main Street
Millersburg, MI 49759

ph **989-734-3435**

fax 989-734-3971

Sales@PneumaticInnovationsllc.com

PneumaticInnovationsllc.com