

ACCELERATE® LIGHTWEIGHT DOUBLE BLANK DETECTOR & SPRING-LOADED CUP MOUNTS



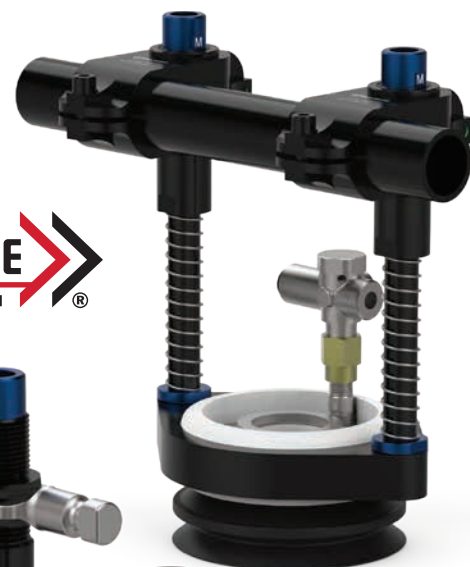
ACCELERATE 
COLLECTION

DESTACO's new lightweight Double Blank Detector Mounts (LW-DBD) are the latest addition to the Accelerate® Collection of End Effector products, joining the Spring-Loaded Cup Mounts (LW-SCM).

The LW-DBD series is used in front-of-line destacking applications to use a double blank detector sensor during unstacking and loading of sheet metal blanks into a stamping press. If more than one panel is detected it, it will signal the system to stop the process.

The LW-SCM series is typically used in sheet metal stamping applications to accommodate multiple thickness panel stacks and to cushion the panel during drop off. Mounting options include an apple core, bulkhead, or clamp style for tube mounts.

Both series are intended for vertical use, but feature widely spaced maintenance-free bushings to better accommodate minor off-axis loading.



LW-DBD
Series



LW-SCM
Series



PICK AND PLACE

PRODUCT HIGHLIGHTS/OPTIONS

- Bulkhead, apple core mounting (LW-SCM)
- Metric or Imperial air connection ports (LW-SCM)
- Double Blank Detector Mounting (LW-DBD)
- Metric or Imperial tube mounting
- 3 travel lengths available

FEATURES & BENEFITS



PERFORMANCE

- Non-rotating shaft for accurate part/sheet placement (LW-SCM)
- Proven design for smooth and consistent, long-lasting operation
- Tested to 3M cycles



LOW-NO MAINTENANCE

- Maintenance-free bushings for long life and no lubrication required
- Shaft is hard-coat anodized with teflon for consistent smooth operation



INTERCHANGEABLE

- Metric or Imperial air connection port (LW-SCM)
- Metric or Imperial vacuum cup mounting (LW-SCM)
- Bulkhead, Apple Core (LW-SCM) or Tube Mounting



PRESS ROOM/
STAMPING

APPLICATIONS



AUTOMOTIVE



INDUSTRIAL

MARKETS

LW-SCM SERIES

Accelerate® Lightweight Spring-Loaded Cup Mounts | Features and Options

The LW-SCM Series is smaller and lighter than our current heavy-duty spring cup mounts offering. This allows our customers the opportunity to run their automation faster, increasing their productivity. Using the LW-SCM Series also help lower maintenance costs by reducing wear and tear on their robots and automation.

Three Mounting Options

- Bulkhead style for threaded or through hole mounting (M27x2)
- Apple Core style for mounting at the end of a swivel arm (Ø0.75")
- Clamp style for tube mounting (Ø40mm/1.50")



Metric or Imperial Air Connection Port Options Available

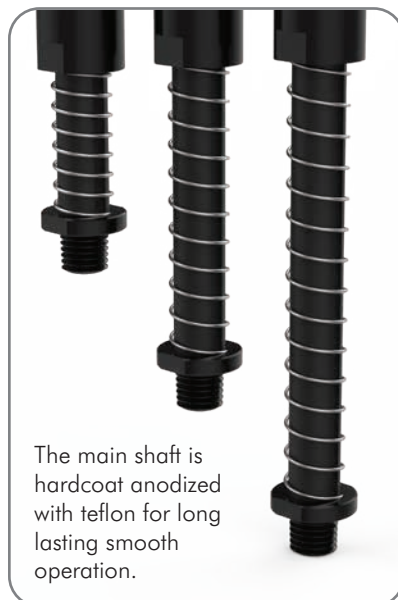
- 3/8 NPT (Black)
- ISO G3/8 (Blue)



(Metric option shown on clamp style)

Three Travel Lengths Available

- 50 mm/2.00"
- 100 mm/4.00"
- 150 mm/6.00"



Metric or Imperial Vacuum Cup Mounting

- 3/8 NPT (Black)
- ISO G3/8 (Blue)



Accelerate® Lightweight Double Blank Detector Mounts | Features and Options

The LW-DBD Series is lighter than our current heavy-duty double blank detector mounts while offering a lower profile. This allows our customers the opportunity to run their automation faster, increasing their productivity. An ARV venturi mounted directly to the swivel offers quick time-to-vacuum and panel release.



Metric or Imperial Tube Mounting

- 15E for Ø1.50" tubing
- 40M for Ø40 mm tubing

Three Travel Lengths Available

- 50 mm/2.00"
- 100 mm/4.00"
- 150 mm/6.00"

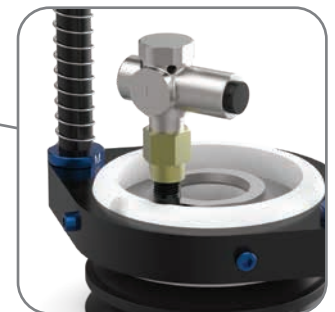
ARV® Auto-Release Venturi

- The fastest vacuum in the industry
- Single air line for operation
- Instant part/panel release
- Built-in exhaust silencer

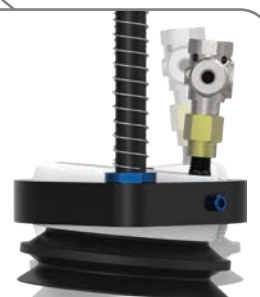


Double Blank Sensor Mounting

- User supplied sensor mounts in the center of the swivel and is precisely positioned over the panel for accurate double blank detection
- Available for Ø36 mm, Ø42 mm, or Ø54 mm sensor sizes



Swivel spring mounts allow the vacuum cup to pivot to match the angle of the blank surface.



Designed to **Accelerate** Your Productivity



LW-SCM Lightweight Spring-Loaded Cup Mounts

Bulkhead Style
LW-SCM(**B**)



Travel Length
50 mm 100 mm 150 mm

Apple Core Style
LW-SCM(**A**)



Travel Length
50 mm 100 mm 150 mm

Tube Mount Style (Tube Ø)
LW-SCM(**-40M/-15E**)



Travel Length
50 mm 100 mm 150 mm

LW-DBD Double Blank Detector Mounts

Tube Mount Style (Tube Ø)
LW-DBD-(**40M/15E**)



Travel Length
50 mm

Travel Length
100 mm

Travel Length
150 mm

DIMENSIONS AND TECHNICAL INFORMATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.

EE-LW-DBD-SCM-F_0726_US

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