

**SAF CBX50 SERIES**  
SUSPENSION SLIDER AXLE SYSTEM



OPTIONAL  
**P89** Series  
™ AIR DISC BRAKES

THE HEAVY-DUTY SLIDER SOLUTION  
FOR ON/OFF HIGHWAY AND  
SECONDARY ROAD HAULING

# SAF CBX50 AIR SUSPENSION SLIDER AXLE SYSTEM

## OPTIONAL UPPER BODY RAILS

Roll formed body rails are manufactured from high strength 80,000 KSI steel.



## ROBUST SLIDER SUB-FRAME

Constructed with 80 KSI yield material and designed with two additional crossmembers, the CBX50 is the most robust and structurally rigid 50K slider on the market.

50,000 lbs.  
CAPACITY

## QWIK RELEASE™ PIN PULL

This patented system makes slider adjustment safe and efficient. With 20% less pulling effort than competitive models – one person can easily reposition the slider. This design also alleviates bound-up pin problems.

## SWING ALIGN™

The fastest and most convenient axle alignment system in the industry. No replacement parts or disassembly is required. Axle alignment adjustment is made directly by the lead screw. Requires less than 250 ft. lbs. of torque to adjust.

## MULTI-FUNCTIONAL PIVOT BUSHING

The more robust bushing with its exterior void design limits the twisting movement that could lead to premature bushing and tire wear.

## LIGHTWEIGHT CAST STEEL TRAILING ARM DESIGN

Rated for 25,000 lb. capacity per axle for carrying heavier loads, the CBX50 is designed with our proven air suspension trailing arm thin-wall casting technology.

## AIR SPRINGS

Capacity enhanced to meet on/off highway application demands. TOFC compliant with a standard pneumatic dump valve.

## POSILOK™

Eliminates dock walk and squat. Creates a stable and safe loading and unloading operation.

## DRUM BRAKE AXLE IS STANDARD EQUIPMENT

The SAF CBX50 standard configuration features a SAF X-Series 5.75" diameter axle with 16½" x 7" extended life brake linings, intermediate cams, and industry standard tapered or parallel spindles.



LEARN MORE ABOUT SWING ALIGN™

**THE INDUSTRY'S  
LIGHTEST WEIGHT  
50,000 lb. ON/OFF  
HIGHWAY SLIDER  
SYSTEM**



**OPTIONAL AIR RELEASE**

is a simple, efficient pin-pull system. The Air Release design is compact, durable, and allows easy manual operation in the event of an air-down situation.

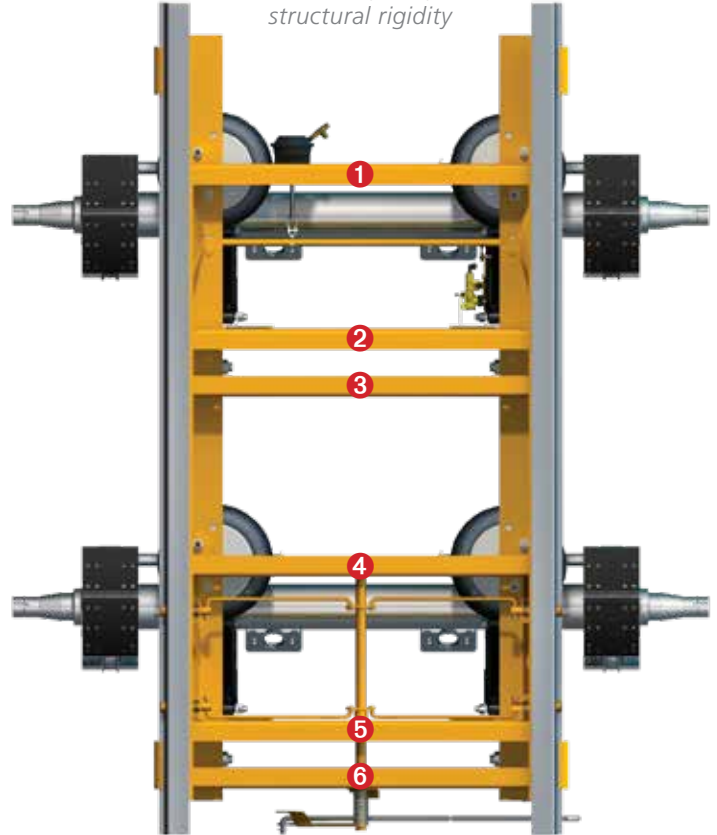


**OPTIONAL  
P89 Series  
AIR DISC BRAKES**

**TWO MODEL CHOICES TO MEET YOUR  
FLEET'S SPECIFIC NEEDS**

The P89 model at a price point that makes sense for fleets of any size. And, the P89 Plus for premium performance. Disc brakes simply provide better performance than drum brakes. They stop shorter for increased safety and reduce maintenance for lower total cost of ownership.

*Slider sub-frame features  
six crossmembers  
for heavy-duty  
structural rigidity*



*Manufactured with 80 KSI  
yield steel material for  
robust performance*



**BLACK ARMOUR™  
IS STANDARD  
WITH CBX50**

LEARN MORE ABOUT  
BLACK ARMOUR™



SUSPENSION SYSTEM WEIGHTS	CBX50
<b>Undressed Drum Brake Axle</b> (16.5" x 7" braked axle only – no slack adjusters or brake actuators)	1,558 lbs.
<b>Dressed Drum Brake Axle</b> (Includes steel hubs/drums, bearings, oil, slack adjusters and brake actuators)	2,328 lbs.*
<b>SAF P89 Series Air Disc Brake Axle</b>	2,258 lbs.**

\* Optional lightweight dressed drum brake wheel ends available – 130 lbs. lighter.  
\*\* Optional lightweight ADI disc brake hubs available – 132 lbs. lighter.



# OPTIONAL P89 SERIES AIR DISC BRAKES

## PROVEN DESIGN QUALITY WITH GENUINE VALUE

All the Benefits You Expect From the World's Leading Trailer Axle Disc Brake Supplier, at a Price Point That Makes Sense for Commercial Fleets of All Sizes

### Featuring

- Heavy-Duty Vented Rotor
- SAF Caliper
- Premium Matched Set Bearings
- Parallel or Taper Spindle
- 5-Year Warranty



## PREMIUM PERFORMANCE MAINTENANCE FREE DESIGN

Featuring the Legendary INTEGRAL<sup>®</sup> Rotor/Hub and Premium Sealed Bearings for Reduced Maintenance

### Featuring

- INTEGRAL<sup>®</sup> Rotor
- Long-Life Sealed Bearings
- Premium Brake Chambers
- SAF Caliper
- Robust Parallel Spindle
- Premium Spindle Nuts
- 7-Year Warranty



LEARN MORE  
ABOUT THE P89

**INDUSTRY LEADING AIR  
DISC BRAKE WARRANTY**

See XL-AS11002WC warranty statement for complete details.

**SAF**   
SAF-HOLLAND Group

# SPECIFICATIONS

## CBX50

FEATURES	STANDARD	OPTIONS
Ride Heights	16", 16½" & 17"	NA
Slider Width	48"	42" & 54"
Patented Qwik Release® Pull Arm	•	
Air Release		•
Swing Align	•	
Assembled System	•	
Height Control Valve with Dump	•	
Height Control Valve without Dump		•
Air Springs w/1¼" Ports	•	
PosiLok™ – Anti Dock Walk Device	•	
Slider Configured to Accommodate 6" Center 1⅜" Body Rails	•	
Slider Configured to Accommodate 4" Center 1⅜" Body Rails		•
Air Tank, Mud Flap & Stinger Brackets		•
Holland Slider Rails		•
Manual Stop Bars		•

## STANDARD DRUM BRAKE AXLE PACKAGE

Axle Diameter	5.75"	NA
Axle Track	77½"	71½", 81½", 83½"*
Spindle	Tapered	Parallel
Drum Brake	16½" x 7"	16½" x 8⅝"
Extended Life Linings	SAF Standard 23k	NA
Tire Inflation Prep: Drilled & Tapped Only		•
MTIS (Stator Pipe & Freeze Plugs)		•
Cam Enclosures		•
Dust Shields		•
3 Pc. Spindle Nuts		•
Fully Dressed with ABS Sensors		•

## OPTIONAL P89 SERIES AIR DISC BRAKE AXLE PACKAGE

Axle Track	77½"	71½", 81½", 83½" *
P89 (5 Year System)	•	
P89 Plus (7 Year System)	•	
Spindle – New P89	Parallel	Taper
Spindle – P89 Plus	Parallel	NA
Fully Dressed with ABS Sensors Installed	•	NA
Dust Shields		•
Tire Inflation Prep: Drilled & Tapped Only		•
MTIS, Aeris or other commercially available systems		•

\* Other axle tracks available upon request.



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SUSPENSION SYSTEMS**



**COUPLING AND LIFTING  
TECHNOLOGIES**



**SUSPENSIONS FOR  
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With our team of over 3,000 employees and a worldwide network of over 9,000 service partners, we serve our fleet customers with know-how and passion, and always focused on one target: **Engineering your road to success.** Anywhere in the world. Under any conditions. 365 days a year.

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