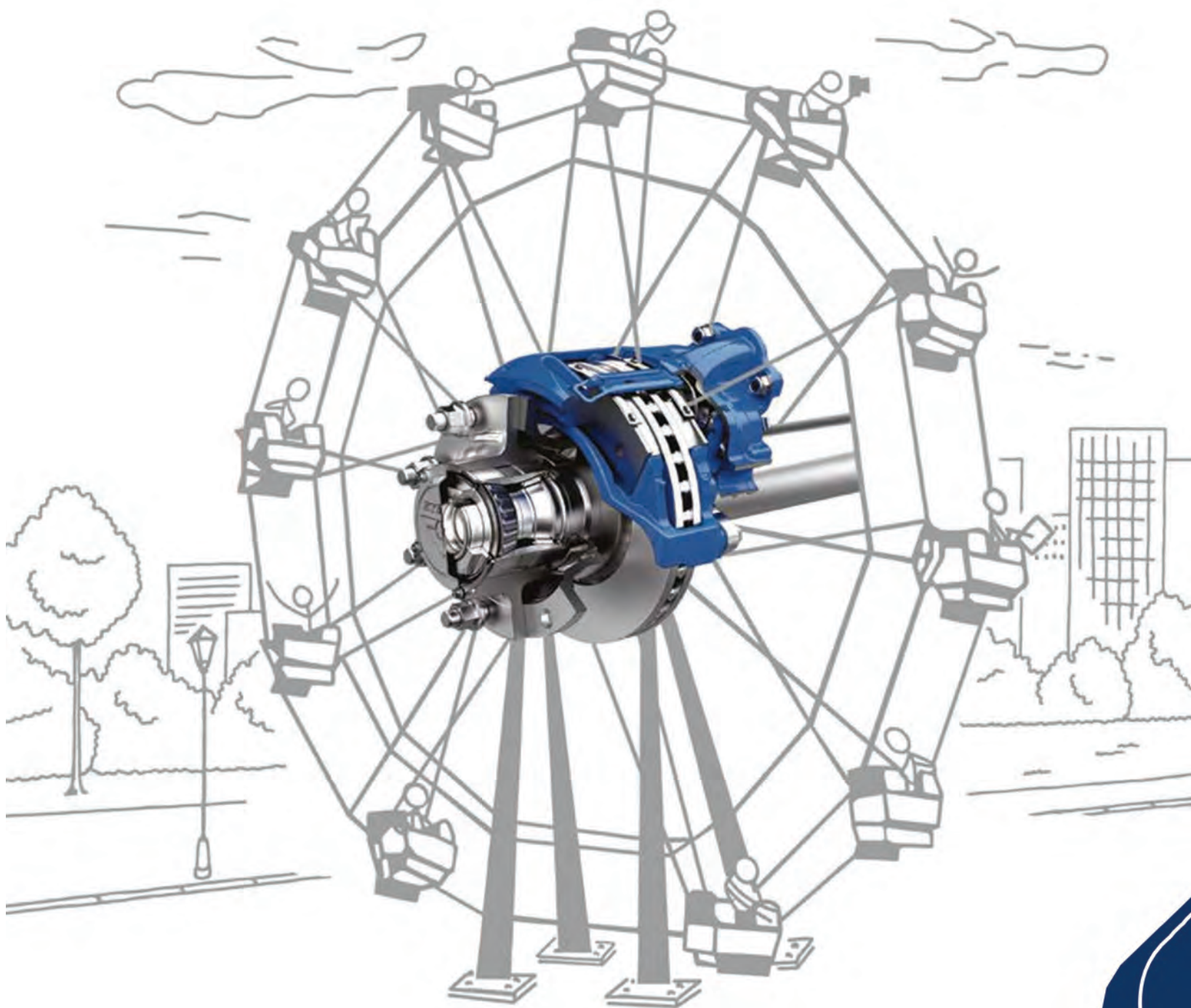


assali **STEFEN**

You can load on us



ASSALI STEFEN
STEFEN PRODUCTS



FM Axle Range

Loading capacity: up to 9,3 ton

Wheels: 19,5" and 22,5", single or twin

Brakes:

Disc brakes: R (378 mm)
P (430 mm)

Drum brakes: 420 x 180 mm
350 x 200 mm



SPECIAL FEATURES

- Ideally suited for tri-axle super single applications
- Offset 120 flange option available on both disc brakes R (378 mm) and P (430 mm)
- Low weight, low maintenance
- Stainless steel hub cap with special laser tracking indent and rubber bonded gasket for optimum hub sealing
- Available in command and steering versions
- Light and reliable products, available also with cartridge bearings



FA Axle Range

Loading capacity: up to 13,5 ton

Wheels: 22,5", single or twin

Brakes: *Disc brake:* F (430 mm)
Drum brakes: 420 x 180 mm
420 x 220 mm

SPECIAL FEATURES

- All drum brake components are fully interchangeable with existing FT range
- Stainless steel hub cap with special laser tracking indent and rubber bonded gasket for optimum hub sealing
- Also available in command and self-steering axle versions





FT Axle Range

Loading capacity: up to 13,5 ton

Wheels: 17,5", 19,5" or 22,5", single or twin

Brakes:

- Disc brake:* R (378 mm, 19,5" wheel only)
- Drum brakes:* 420 x 180 mm
- 420 x 220 mm
- 350 x 200 mm
- 310 x 190 mm
- 310 x 160 mm



SPECIAL FEATURES

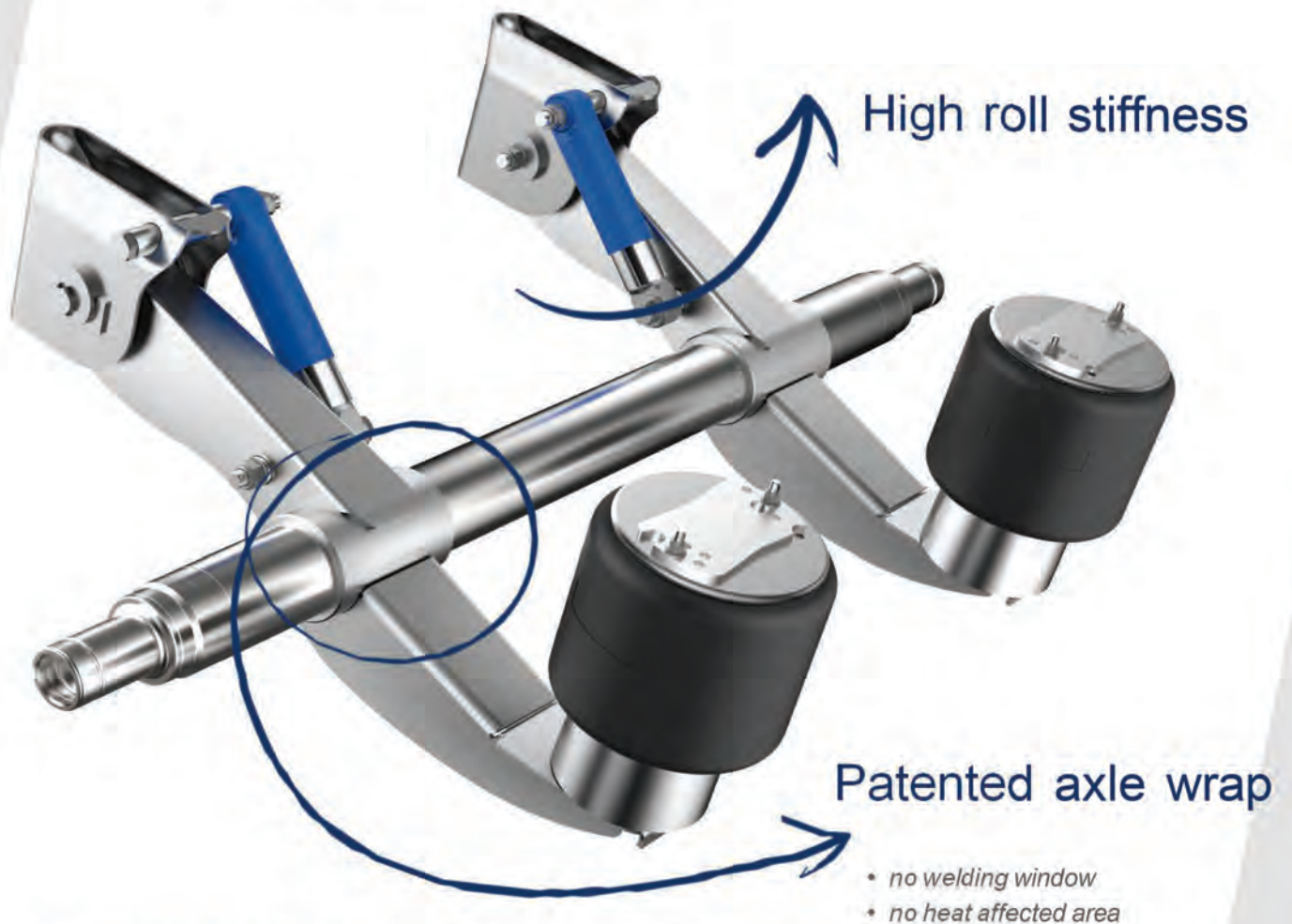
- Off-set flange hub options available
- Option of oil filled hubs
- The most tested and well-known axle on the market
- Also available in command and self-steering axle versions

SLX Suspensions

Type: Air suspension

Loading capacity: 10 ton

Ride Height: 200-500 mm

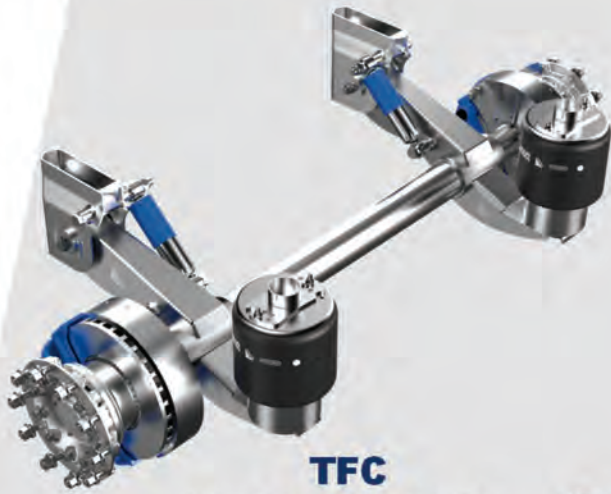


SPECIAL FEATURES

- Lighter and stronger, weight saving up to 30 kg
- Suitable for on-road and off-road applications
- Ideal for trailers with a high center of gravity
- Self-steering axle available for each configuration



Top mount



TFC

Standard configuration for light trailers



TRC

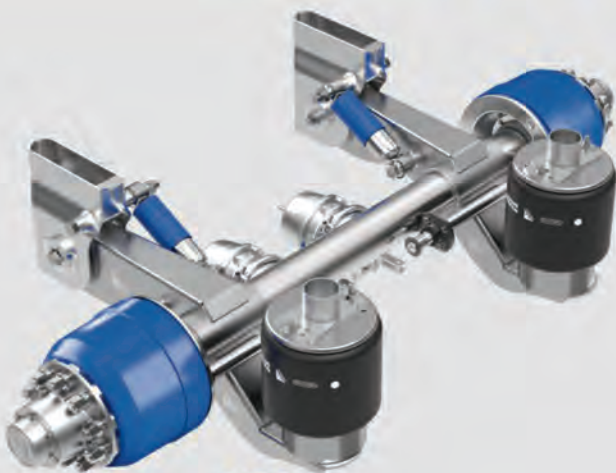
The brake chamber in top, rear position leaves the maximum clearance between the suspension and the ground



TSA

For trailers with short wheelbase, tippers or trailers where lightness is required

Low mount



LFC

Standard configuration for light and low loading platform trailers



LRC

Trailers with low loading platform that requires the maximum clearance between the suspension and the ground

Type: Air suspension

Loading capacity: 9-14,5 ton

Ride Height: 150-550 mm

SPECIAL FEATURES

- A complete range of traditional air suspensions suitable for all loading capacities and all applications
- Specific variants for applications for disc and drum brakes
- As any kind of suspension, it can be fitted on all axles series
- Supplied as a loose kit or assembled



STF10

- Overslung configuration
- Cranked trailing arm
- The best compromise between lightness and robustness

STF11

- Underslung configuration
- Straight trailing arm
- Mostly suitable for drum brakes
- Specifically designed for low loader applications





STP11

- Underslung configuration
- Straight trailing arm
- Specifically designed for disc brakes and low bed trailers applications

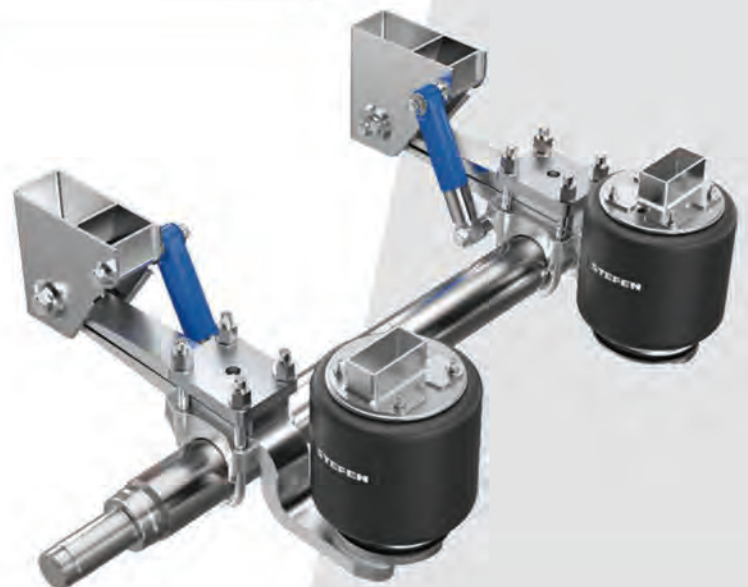


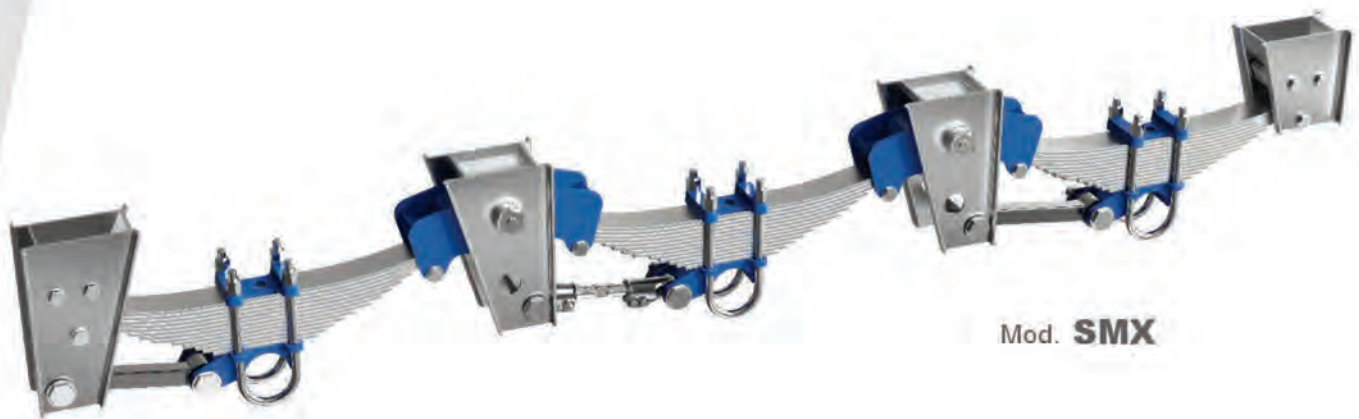
STF12

- Overslung configuration
- Cranked trailing arm
- Particularly suitable for disc brakes
- The most tested heavy duty suspension

STF14

- Overslung configuration
- Cranked trailing arm
- Suitable for disc and drum brakes
- Top suspension for heavy duty applications
- Also used on mining applications
- Particularly suitable for the GB axles series





SMX Suspension

Type: Mechanical suspension

Loading capacity: 14-18 ton

Ride Height: 240 or 485 mm

SPECIAL FEATURES

- Specifically designed for extremely heavy duty applications
- Only available in a multi-leaf configuration
- Fully fabricated bracketry
- Metal bushing
- Wear parts easily replaceable





Assali Stefen constantly focuses its efforts to align to the specific needs of the customer and special requirements.

POSSIBLE VARIANTS

- 7 ton up to 30 ton loading capacity
- for all series axles
- with either mechanical or air suspension
- with disc or drum brake
- with any required track length/spring centre

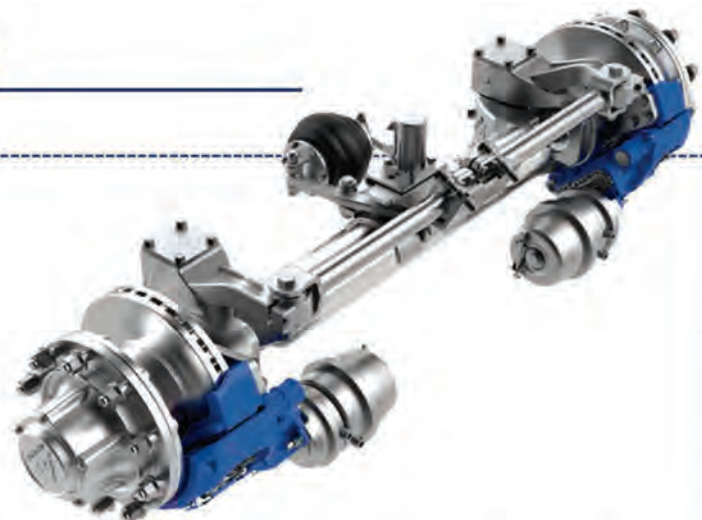
Special rigid axles



- Dropped beam axles for low loader applications
- Bent beam axles when used as tag axles
- Produced with 127, 146 tubular round beam, solid round beam and square beam
- Camber setting available
- Tire Inflation System available

Self-steering axles

- 7 ton up to 20 ton loading capacity
- The stabilizer simplifies the axle realignment after a turn with load sensitive spring effect
- Bent beam axles used on trucks as tag axle applications
- Highly customized steering system configuration
- Adjustable steering angles up to 25°
- Technical solutions aimed to the use on very low chassis



- Different locking devices available
- Further steering support options
- Tire Inflation System available

Command steering axles

- Bent beam axles
- Customized bracketry on request
- Special equipment suitable to the required steering system



Heavy duty



- Special application available for rigid or self-steering axles
- Loading capacity up to 20 ton
- *GB axles series:*
 - 14 ton loading capacity
 - Disc or drum brake
 - Designed for extreme use
- *33000 axles series:*
 - 16 ton loading capacity
 - Drum brake

Swivel axles

- Highly customized
- Loading capacity up to 30 ton
- Special design 310 x 160 mm drum brake



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