

SAF MODUL AIR SUSPENSION





FIRST CHOICE FOR YOUR TRAILER

All in all, the SAF MODUL Air Suspension System includes four different axle versions with an axle load of 9–14 tonne. A useful feature within the MODUL series is a weight-reduced single trailing arm which grants clear mounting benefits for the vehicle manufacturer and allows more payload for the carrier.

SAF MODUL AR421H



SAF MODUL AR 421 STEERING AXLE



SAF MODUL U



SAF MODUL M





ALL OPTIONS FOR YOUR FLEET

| Air bag type Identification Diameter Total suspension travel All measurements in mm | Series | Feature(s) | Trailing Arm-Variations | | | | Nominal ride height | 2618V 29 300 | 2918V 27 350 | 2923V 31 350 | 2926V 30 350 | 3138 n.a. 390 |
|--|------------|---|----------------------------|-------------|----------|-------------|--------------------------------|--------------------|--------------------|--------------------|--------------------|---|
| | | | 100 x 51 | 100 x 43/43 | 100 x 60 | 100 x 54/54 | . 3 | -33 | -53 | -33 | 330 | |
| 675 | AR 421H | Trailing arm under the axle, extended suspension arm | | | | • | 380 to 480 | | | | | 420 with 9t 400 with 10t |
| 675 315 | AR 421 | Trailing arm under the axle, extended suspension arm | | | | • | 250 to 500 | | | | 310 | |
| 500 385 | U | Trailing arm under the axle | • | • | | | 170 to 380 | 180 | 180 | 200 | 270 | |
| 500 385 | М | Cranked trailing arm on the axle | • | • | | | 340 to 530 | 180 | 180 | 200 | 270 | |

TOP TECHNOLOGY -SELF STEERING AXLE AND AIR SUSPENSION





BEST PERFORMANCE FOR TRAILER AND SEMI-TRAILER

Self steering axle system allows reduced turning circle radius

- · Tires turn automatically while maneuvering around corners
- · Less drag on tires during turning, thus less friction, improved fuel economy and service life of the tires

Suspension with very high axle travel of 400 mm

· Reduces the stress and chance of overloading on trailers and axles due to provided load equalization in all road conditions (over railway lines, over uneven terrain) especially when used with increased axle distances (over 2.4 m – "Vanderlea")

Heavy duty double-acting, laterally placed shock-absorbers – easy to maintain. Optional screwed shock-absorber fasteners – the solution for dismantling problems inside the chassis. The round axle beam is extremely torsion resistant and acts in combination with the trailing arm like a U-stabiliser. The result is high roll stability.

Parabolic trailing arms are available for 9–14 tonne axle capacity and centre of gravity heights.

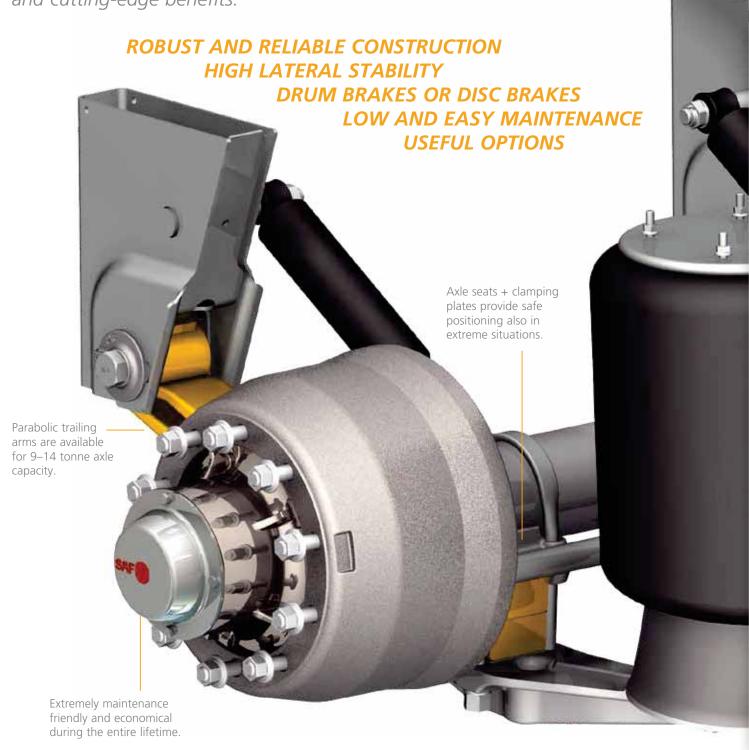
Axle seats + clamping plates
provide safe positioning also
in extreme situations.

Slim hanger brackets for
120 mm chassis rail.
By choosing different hanger
brackets and top air spring
supports, ride heights can
be achieved from 200 to
500 mm. Maintenancefree heavy duty trailing arm

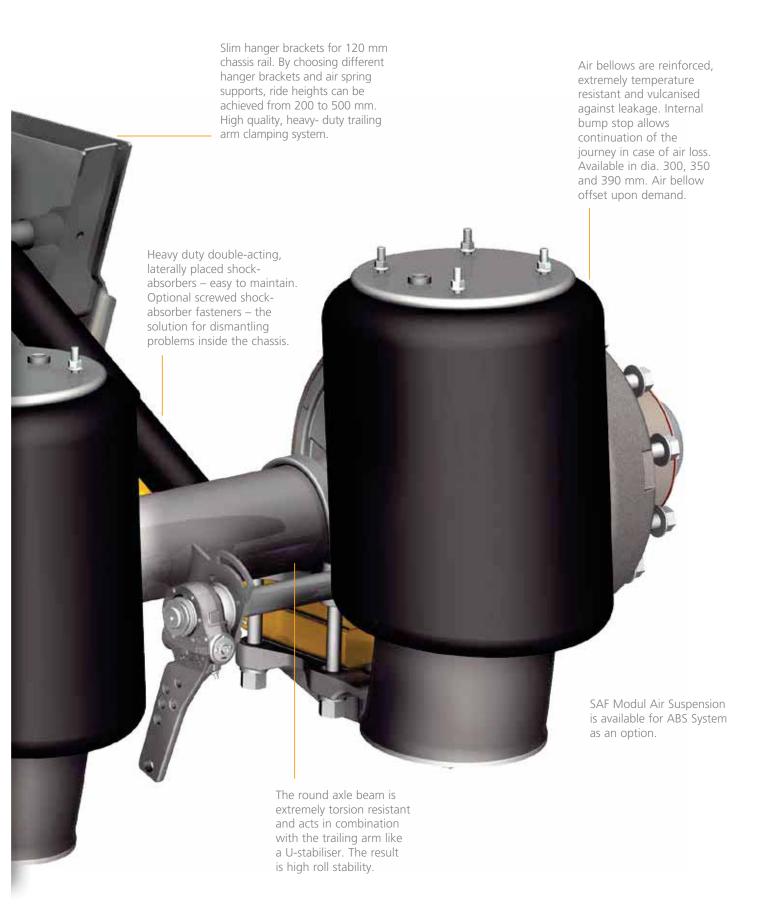
clamping system.

SAF MODUL ONE EFFICIENT SYSTEM –

As early as 1964, SAF was the first European manufacturer to develop and introduce workable air suspension systems. Today, both vehicle manufacturers and fleets all over the world put their trust in the SAF brand. With its new SAF MODUL product range, SAF-HOLLAND can offer you a new, complete air suspension system with outstanding product features and cutting-edge benefits:



AIR SUSPENSION FOUR INDIVIDUAL SOLUTIONS



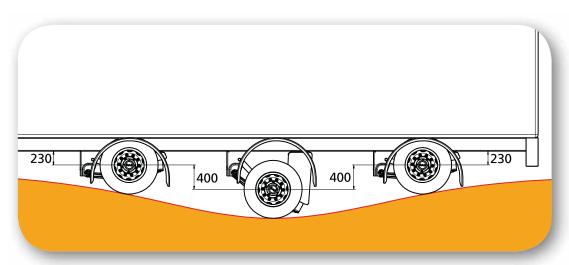
SAF MODUL AT A GLANCE

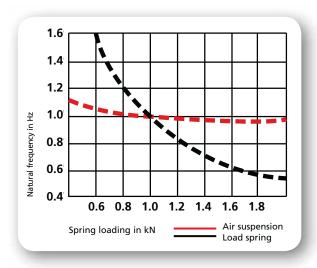
THE BENEFITS FOR YOUR FLEET

One of the main advantages of the SAF MODUL air suspension system is its versatility. It allows for individual combinations and specific applications: SAF MODUL is designed to fit your needs regarding road conditions and transport goods.

PERFECT LOAD DISTRIBUTION

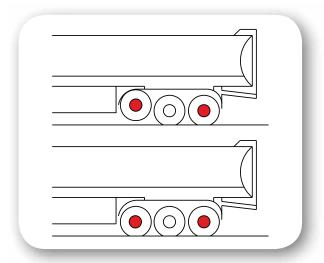
- axle travel per module up to 400 mm
- load equalized on all axles
- road friendly
- load friendly





A SPRING RATE ACCOMODATED FOR CHANGING LOAD CONDITION

- no wheel bounce reduced tire wear
- comfort for driver
- extended lifetime of chassis
- optimum protection of load, chassis and road under all driving conditions



OPTIONAL AXLE LIFT(S)

- reduced tire wear
- increases fuel economy

THE LEVELING-VALVE

maintains a constant ride height in all loading situations by adding or releasing air to/from the system. Each air suspension module can be combined to form a single/tandem or triaxle configuration. All suspension modules are mechanically independent.

PROVEN BRAKE RELIABILITY AND ADVANCED BRAKING TECHNOLOGY

The SAF MODUL Air Suspension System allows you to choose between a wheel end with drum brake or a wheel end with the patented *INTEGRAL* disc brake (Offset 120 mm). Whether you wish to equip your trailer with a drum braked or disc braked MODUL – you have the security of the first choice, because we attach the greatest importance to the efficiency of the brakes in our suspension systems. SAF-HOLLAND thus ensures that you drive not only a particulary cost-efficient air suspension system, but also a comfortingly safe one, too.



DRUM BRAKE IS STANDARD EQUIPMENT

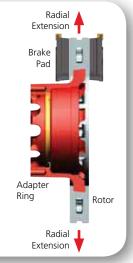
SELECTIVE LONG-TERM CORROSION PROTECTION

of hub, hub caps, wheel bolts, nuts and components.



OPTIONAL INTEGRAL DISC BRAKE IS THE ADVANCED BRAKING SOLUTION

INTEGRAL's Bi-Metallic rotor assembly is designed to control the effects of heat. Unlike conventional disc brake technology that often experiences uncontrolled deformation and hotspots. INTEGRAL's rotor expands in a radial direction under braking conditions keeping the rotor surfaces flat and stable.





From fifth wheel rebuild kits to suspension bushing repair kits,

SAF-HOLLAND Original Parts are the same quality components used in
the original component assembly. SAF-HOLLAND Original Parts are tested
and designed to provide maximum performance and durability. Will-fits,
look-alikes or, worse yet, counterfeit parts will only limit the performance
potential and could possibly void SAF-HOLLAND's warranty.

Always be sure to spec SAF-HOLLAND Original Parts
when servicing your SAF-HOLLAND product.

HIGH QUALITY COMPONENTS FOR THE COMMERCIAL VEHICLE INDUSTRY



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SAF-HOLLAND do Brasil

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