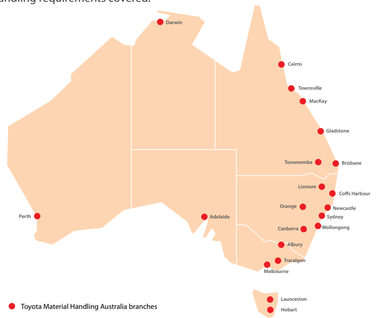
SAS

System of Active Stability ™

TAKE ADVANTAGE OF US WHEREVER YOU ARE

Our commitment to customer satisfaction extends nationwide, thanks to one of the finest branch networks in Australia.

With major Toyota Material Handling outlets for forklift sales and rentals located throughout every state of Australia, we've got all your material handling requirements covered.



Other benefits of dealing with Toyota Material Handling include:

- World's Number One Forklift Brand* - Toyota
- Australia's biggest range of materials handling equipment
- Leading product, safety and environmental initiatives
- 100% Toyota owned branches
- Australia's largest rental fleet with over 35,000 units
- Forklift rentals from 1 day to 5 years with flexible finance options available
- 500+ service support staff & 300+ service vans

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TOYOTA MATERIAL HANDLING

TOYOTA FORKLIFT ADVANTAGE

SOLUTIONS FOR EVERY PALLET®

Toyota Material Handling Australia 8 Secombe Place, Moorebank NSW 2170

*dhf Intralogistik Magazine 2024

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THE SAFEST WAY TO DRIVE DOWN YOUR COSTS

IS HERE.

TOYOTA MATERIAL HANDLING

*System Of Active Stability available only on selected Toyota forklifts. Safety prism shown for illustration purposes only

TOYOTA'S EXCLUSIVE SAS TECHNOLOGY HELPS MAKE ITS FORKLIFTS SAFER, MORE PRODUCTIVE AND COST EFFECTIVE.

As the focus on workplace safety increases, Toyota's System of Active Stability™ (SAS) stands out as technology that actively helps reduce the risk of forklift accidents.

SAS constantly monitors forklift operations and automatically takes corrective action when it senses factors that could lead to forklift or load instability. Its five advanced functions work together to keep your driver and goods safely on the move – and your productivity on the up.

Toyota's SAS is the product of years of experience in engineering and advanced automotive technology. An industry first and still unique in the business.

TOYOTA MATERIAL HANDLING

DRIVE DOWN COSTS WITH TOYOTA'S EXCLUSIVE SAS TECHNOLOGY

SAS
System of Active Stability ™

SAVINGS YOU CAN SEE

Toyota forklifts equipped with the Toyota System of Active Stability™ (SAS) use intelligent technologies to reduce your driver costs and damage costs. This may result in a significant reduction in overall forklift operating costs. Workflow is faster and safer, therefore improving productivity. Only Toyota forklifts with SAS know how to move loads safely and drive down costs.

Toyota's SAS was the first system in the world to monitor and control the forklift through a combination of advanced sensors linked to an on-board controller, enabling superb load-handling performance with outstanding safety.

SAS significantly contributes to accident prevention by enhancing control in the stability range of the forklift before it enters into a range of unstable operation.

SAS addresses costs in two key areas: driver costs and damage costs. These areas can collectively account for more than 70% of your forklift's total operating costs. SAS can deliver immediate savings, protecting your drivers and your bottom line.

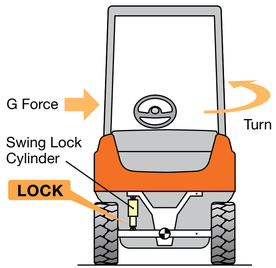
STEER CLEAR OF UNNECESSARY FORKLIFT DAMAGE

SAS acts automatically to help prevent sideways tip-over – the cause of over 30% of serious forklift accidents..

1. SWING LOCK CYLINDER

SAS reduces risks during turning without compromising productivity. If the forklift becomes unstable during a turn, the patented Swing Lock Cylinder automatically locks the rear axle to increase the forklift's stability footprint – greatly reducing the risk of a sideways tip-over. Acting even faster than the most experienced driver, SAS provides excellent stability to help protect operators and reduce damage to forklifts.

SAS functions help protect the condition of your forklift. By preventing accidents and minimising unnecessary wear and tear, SAS helps keep repair costs down.



SWING LOCK CYLINDER

MAST FRONT TILT ANGLE CONTROL

MAST REAR TILT SPEED CONTROL

LOWER DAMAGES TO GOODS

SAS helps to avoid damages to goods and related costs in an industry where accidents are far too common.

2. MAST FRONT TILT ANGLE CONTROL

SAS prevents both the load and forklift from tipping dangerously forward. Mast Front Tilt Angle Control monitors load height, weight and mast position. If necessary, it automatically limits the mast angle to protect the driver and load. This reduces the risk of injury and property damage and can benefit workplace safety.

3. MAST REAR TILT SPEED CONTROL

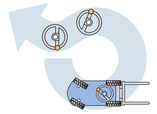
When loads are tilted backwards too quickly, they can put the driver, goods and the forklift at risk. Mast Rear Tilt Speed Control senses possible risk factors and reduces the mast speed accordingly. The load moves surely and steadily into the right position and work carries on.

4. FORK LEVELLING CONTROL

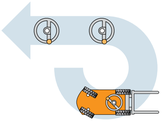
Adjusting the forks to a level horizontal position takes a little extra time – every time. With SAS Fork Levelling Control, the forks are levelled at the push of a button, making work easier for the driver, particularly when loads are at height. This saves time, which increases productivity and saves you money.

SAS is always active to protect your driver, forklift and goods. By minimising the chance of load loss or accidents, SAS can save your time and money otherwise spent on customer claims, damaged stock, clean-up and lost productivity.

FORKLIFT LEVELLING CONTROL



WITHOUT ACTIVE STEERING SYNCHRONISER



WITH ACTIVE STEERING SYNCHRONISER

DRIVE DOWN DRIVER COSTS

From novice drivers to experienced operators, SAS supports better productivity, efficiency and helps improve safety.

5. ACTIVE STEERING SYNCHRONISER

The SAS Active Steering Synchroniser helps the operator by synchronising the position of the steering wheel with the angle of the steer wheels. Your drivers work more efficiently and always know the position of the steering wheels, allowing for safer and more productive forklift operation.

All SAS functions work together to enhance driver confidence and reduce the number of repetitive driver actions needed to handle each load. This makes handling operations simpler, safer and more efficient – helping you to optimise driver costs.

IMPORTANT

These innovative features, however, in no way override the value of sensible employees, professional training and strict adherence to safety regulations and to the forklift manufacturer's instructions. But, they certainly provide you with more ways to create a safer work environment.

TOYOTA SAS'S 5 STABILITY FUNCTIONS AT A GLANCE

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THE SWING LOCK CYLINDER

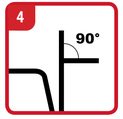
On Toyota 4-wheel forklifts if the forklift becomes unstable during a turn, the rear axle will lock automatically. This helps to prevent side tip-over by adjusting the forklift's centre of gravity.

MAST FRONT TILT ANGLE CONTROL

Toyota SAS constantly monitors the load height and mast position, and when necessary, automatically adjusts the mast angle to protect the driver and the load.

MAST REAR TILT ANGLE CONTROL

If Toyota SAS senses that loads above a certain height are being tilted backwards, it automatically reduces the mast speed so the load moves surely and steadily into the right position.



FORK LEVELLING CONTROL

Levelling the forks manually takes a little extra time, every time. But now, with Fork Levelling Control, all it takes is the touch of a button to automatically level the forks at 90°. And that makes it easier to move loads into place.

ACTIVE STEERING SYNCHRONISER

The Active Steering Synchroniser, ensures that the steering knob and forklift wheels are always aligned correctly – so drivers always know in which direction the forklift will move.

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System of Active Stability ™

STANDARD ON THESE MODELS*

8-Series Gas, Diesel and LPG Models

8-Series 3-wheel Battery Electric Models*

8-Series 4-wheel Battery-Electric Models#

8-Series Stand-up Reach Models

*Active Control Rear Stabiliser is not available on 8-Series 3-wheel Battery Electric Models. # SAS is an optional extra on the 8FB Series Battery-Electric Forklift.