

OFFICIAL PARTNER





traffic-lines duo twister® video



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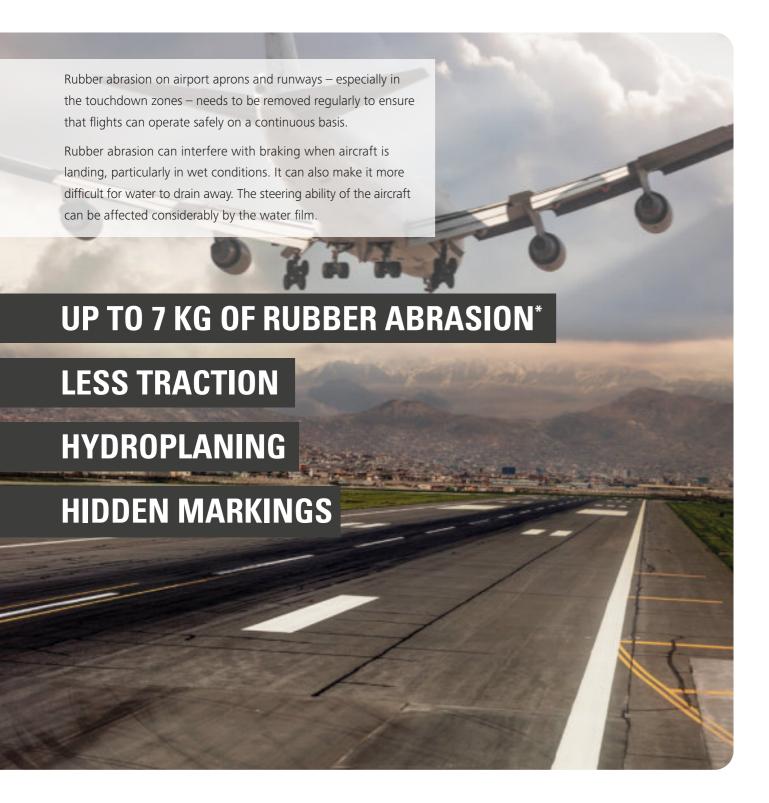








SAFETY FIRST



HIGH-PRESSURE IS TOUGH ON RUBBER

The patented technology used in the **traffic-lines duo twister**® high-pressure water blasting system effectively removes rubber abrasion up to a rate of 50,760 PSI. Working width is over 3.10 m and also available in 4.20 m. Particularly effective, gentle on surfaces and makes an efficient use of resources.

The jet water and the particles of loosened rubber are sucked up in one single step. The runway can be operational immediately after the abrasion removal process has been completed.

OTHER AREAS WHERE THE traffic-lines duo twister® CAN BE USED

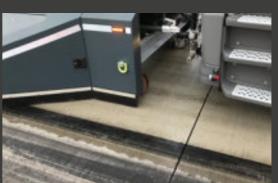
Deep cleaning:

- porous asphalt surfaces
- concrete surfaces
- bituminous floor surfaces
- special asphalt and concrete surfaces
- noise-reducing surfaces
- anti-slip covering

Restore infiltration capability

Removes concrete sediment





* per landing

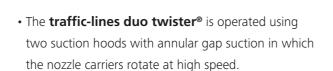




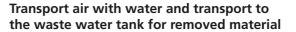


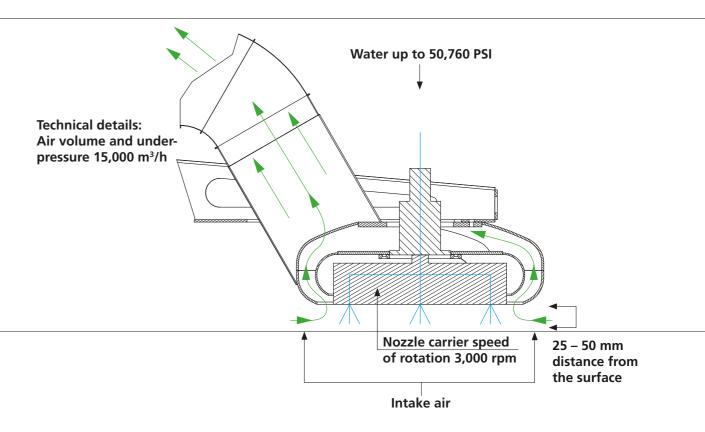
FORWARD-THINKING TECHNOLOGY

Available working widths: 3.10/4.20 m*



• Both of the twister's suction hoods move in a circular motion enabling a working width of over 3 metres.





- The distance between the surface and the suction area is 25 to 50 mm. Water, loosened rubber particles and basic types of surface contamination are transported directly to the waste water tank after they have been removed in a continuous suction process. Water does not accumulate in the suction hoods.
- The high-pressure water jet (up to 50,760 PSI) makes direct contact with the surface that needs to be cleaned. Cleaning performance is significantly higher than conventional high pressure water jets.
- Loose particles of dirt are already sucked away before the water jet is used. The annular gap suction reaches very high speeds at low negative pressure and with an extremely large volume of air (approx. $15,000 \text{ m}^3$) – the flow rate that is generated enables a cooling process and even the smallest liquid particles to be vacuumed away.
- The surface is virtually dry straight after the cleaning process has been completed. This means the surface can be worked on or used again immediately.









PERFORMANCE IS EVERYTHING

EFFICIENT PERFORMANCE AVAILABLE IN NEW DIMENSIONS

One vehicle, two suction hoods with annular gap suction, 3.10 m or 4.20 m working width* – in terms of efficiency and performance over large areas, the **traffic-lines duo** twister® is setting new standards.

Cleaning times are substantially reduced which therefore reduces the amount of time that the runway cannot be used for flight operations.



The jets operate evenly thus ensuring that the whole surface is

cleaned uniformly without any of the usual unsightly cleaning lines.

MAXIMUM CLEANING AND SUCTION

PERFORMANCE

WORKING WIDTH 3.10 m / 4.20 m*

SURFACE PERFORMANCE PER UNIT

UP TO 4.980 m²/h

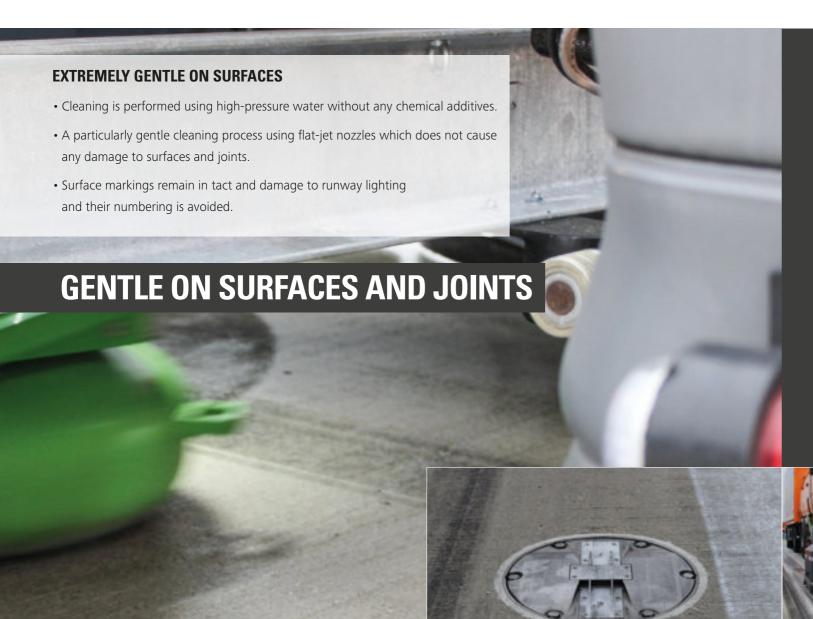
SURFACES ARE NEARLY DRY AFTER CLEANING







ADDITIONAL BENEFITS



LOWER RUNNING COSTS

Up to 4,980 m²/h* using only one vehicle and one driver: traffic-lines duo twister® has considerably lower running costs in comparison with conventional solutions.

Additional cost savings can be made when using the optional water treatment unit **traffic-lines water loop** and an additional diesel tank. Cleaning times are significantly

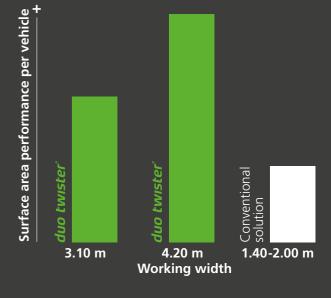
reduced as the vehicle can be operated for longer periods as there is no need to constantly refill the tank with fresh water or to refuel. Continuous operation time under high pressure is at least 6 hrs 30 mins at pump performance 54l/min. The runway can be used again without delay.

OPERATION TIME AT LEAST 6 1/2 HOURS

CUTS DOWN ON CLEANING TIMES

CAN BE USED AUTONOMOUSLY





* at a working width of 4.20 m

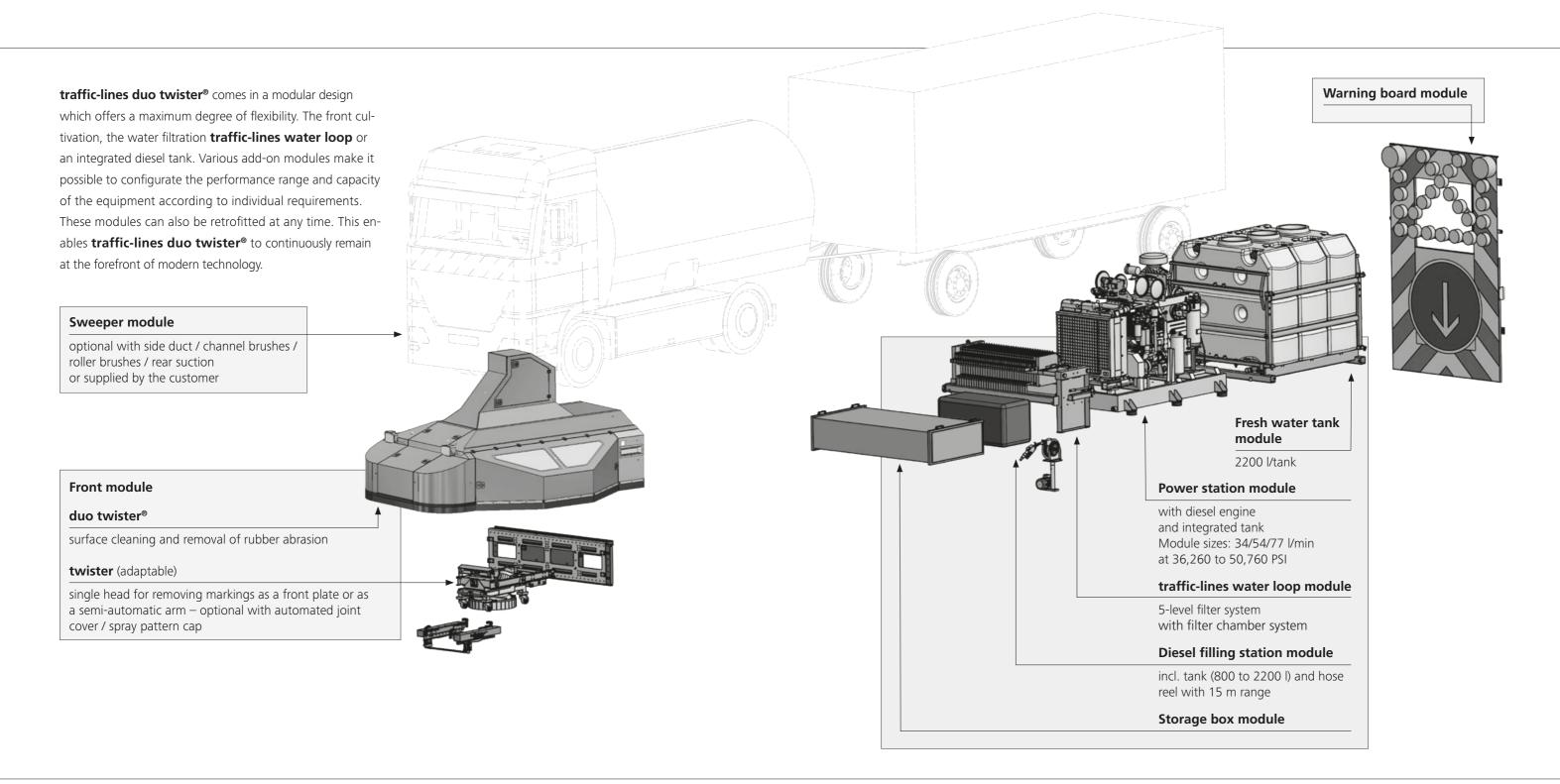
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MODULAR DESIGN





ECONOMICAL AND ECO FRIENDLY

The optional traffic-lines water loop water treatment The extremely powerful suction system fitted to the unit saves time by avoiding the need to constantly refill **traffic-lines duo twister**® ensures that almost every fresh water and drain off waste water during the cleaning last drop of water is recycled back into the system. process. **High-pressure** Suction pump hood traffic-lines © Waste Fresh water tank water tank **Filter** system

Water filtration samples from the treatment process





FUTURE NEEDS INNOVATION — YOU WILL FIND A STRONG PARTNER IN US



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