

# Internal Cleaning with Tank Cleaning Head System TWK18-500, TWK13-1200

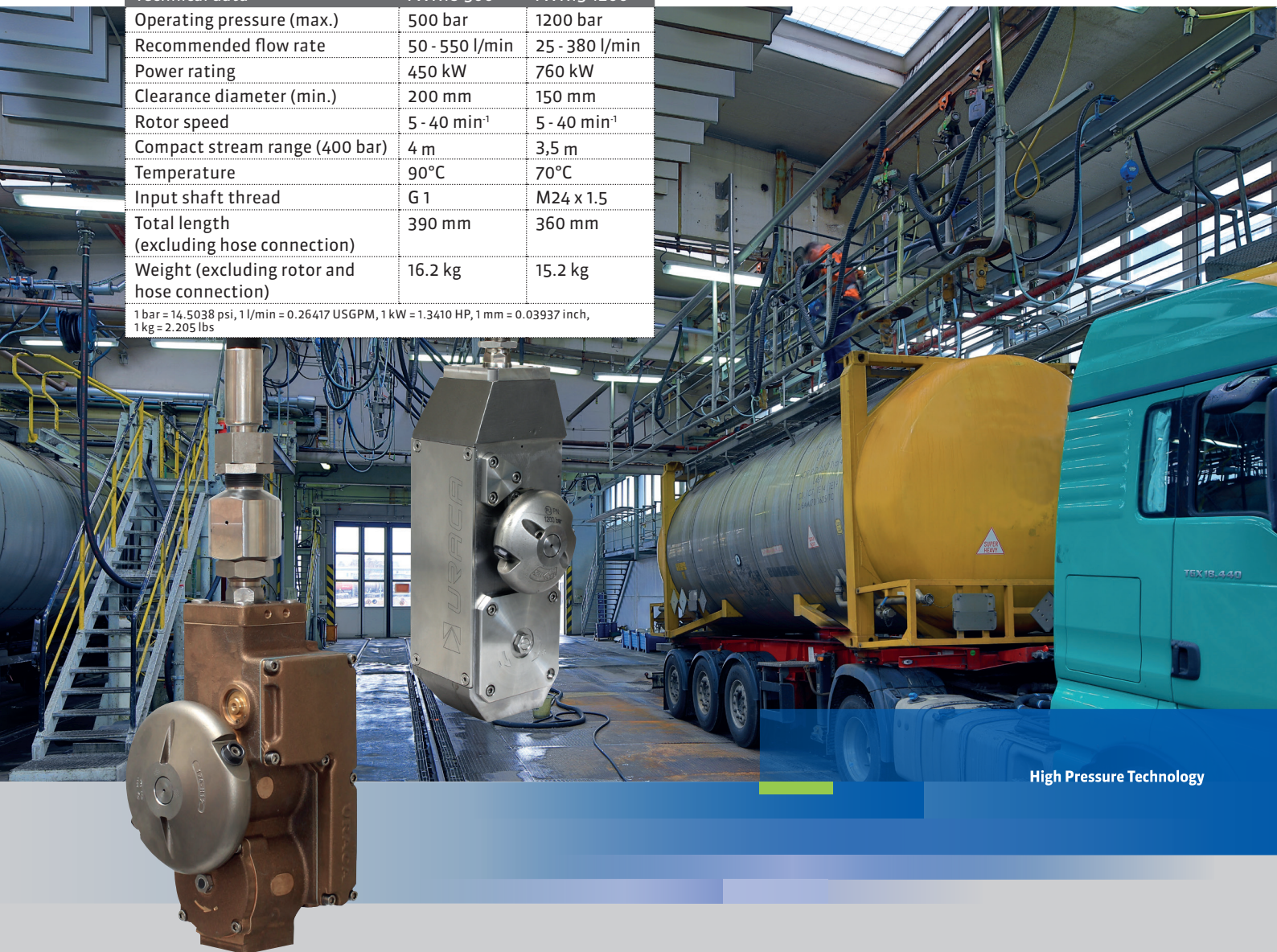
## Road and Rail Tankers – all around clean

URACA 3D tank cleaning heads are self-powered by high-pressure water exiting the nozzles – no motor needed. They can be fitted with a wide range of rotors and extensions, making them suitable for vessels of all shapes and sizes.

- Rotor speed adjustable from 5 - 40 rpm to handle different residues
- Excellent cleaning performance
- Low pressure loss enables efficient use of pump capacity
- Stable even when suspended from a hose
- Wide range of accessories
- Durable and easy to service
- Especially suited to contractors' needs

Technical data	TWK18-500	TWK13-1200
Operating pressure (max.)	500 bar	1200 bar
Recommended flow rate	50 - 550 l/min	25 - 380 l/min
Power rating	450 kW	760 kW
Clearance diameter (min.)	200 mm	150 mm
Rotor speed	5 - 40 min <sup>-1</sup>	5 - 40 min <sup>-1</sup>
Compact stream range (400 bar)	4 m	3,5 m
Temperature	90°C	70°C
Input shaft thread	G 1	M24 x 1.5
Total length (excluding hose connection)	390 mm	360 mm
Weight (excluding rotor and hose connection)	16.2 kg	15.2 kg

1 bar = 14,5038 psi, 1 l/min = 0.26417 USGPM, 1 kW = 1.3410 HP, 1 mm = 0.03937 inch, 1 kg = 2.205 lbs



High Pressure Technology

# Professional Tank Cleaning System Positioning Device **SPE25-Light**


High-pressure cleaning system for rail and road tankers, vessels, containers, and reactors, including in potentially explosive environments (ATEX).

In combination with a URACA TWK cleaning head, the URACA positioning device SPE25-Light is ideal for removing liquid or solidified residues from inside tank cars and trailers. The SPE25-Light is used in a wide range of industries, from petrochemical plants to dairy processing; in short: anywhere vessels need to be quickly, reliably, and thoroughly cleaned.

Advantages at a glance:

- Adapter flanges available to fit virtually any vessel opening
- Infinitely adjustable cleaning positions
- Ball joint enables easy and precise setting of boom angle and rotation
- Lifting lugs for easy handling
- No electrical or pneumatic connections needed
- Economic, solid and effective

This innovative design is custom-made to meet the needs of our customers. Contact us for more information on how we can engineer the optimum solution for your high pressure cleaning application.

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(Applies only to SPE with corresponding TWK)

Technical data	SPE25-Light
Boom angle range	+/- 40°
Rotation	360°
Boom length	2500 mm
Boom stroke	2100 mm
Permissible operating pressure	depending on TWK, hose and connecting piece
Perm. temperature	+5° bis +70 °C
Weight	27.4 kg
<small>1 bar = 14.5038 psi, 1 l/min = 0.26417 USGPM, 1 kW = 1.3410 HP, 1 mm = 0.03937 inch, 1 kg = 2.205 lbs</small>	

