



INDUSTRIAL ROBOTICS



***“CLEANING OF (SEA)WATER INTAKES,
HORIZONTAL TANKS, & PIPELINES”***

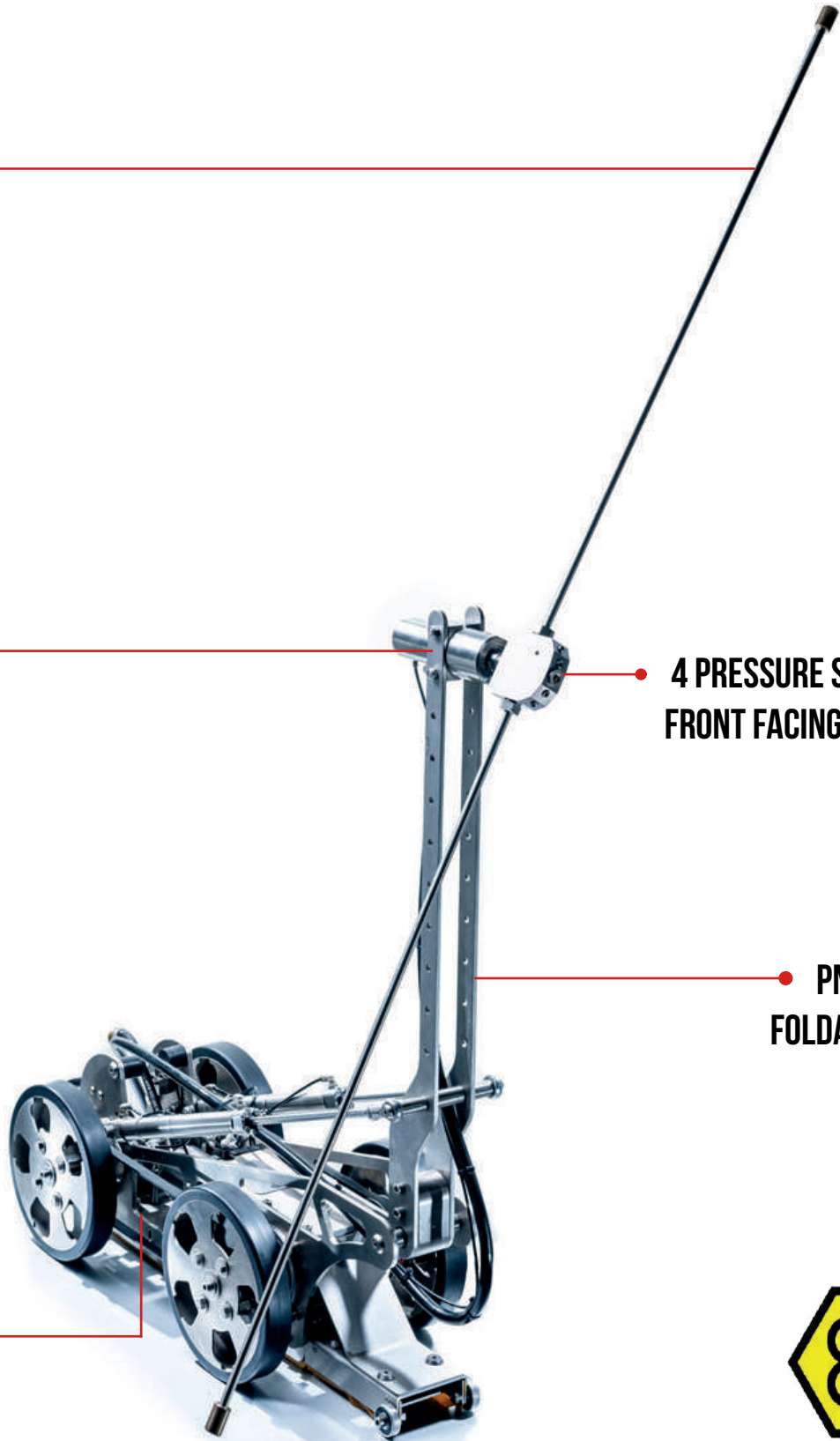
**EXCHANGEABLE
LANCES**

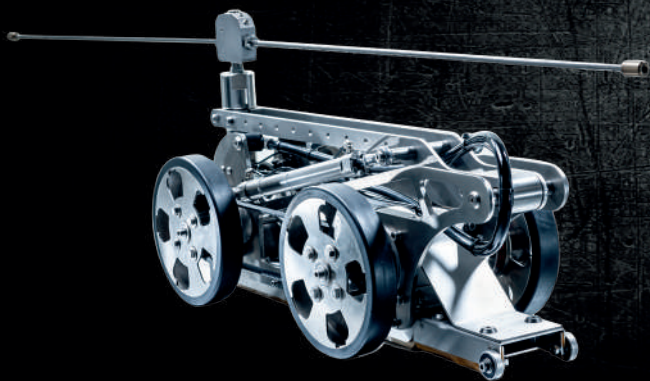
**HIGH PRESSURE
SWIVEL**

**4 PRESSURE SWITCHED
FRONT FACING NOZZLES**

**PNEUMATIC
FOLDABLE ARM**

**ELECTRIC OR
WATER DRIVEN
DRIVETRAIN**





LARGE DIAMETER PIPE & TANK CLEANING

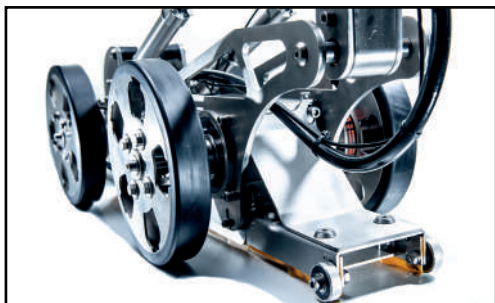


SCAN FOR VIDEO

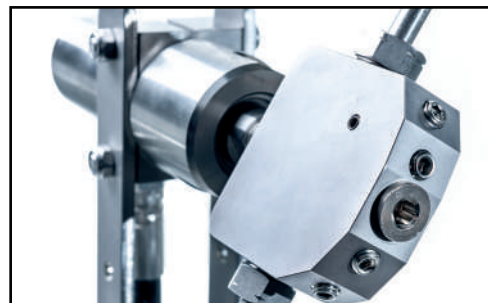
TWK300 1000 - 3000MM (40-120")

The TWK300 tank cleaning robot has a pneumatic foldable arm to fit 400mm (16") manholes, and exchangeable lances for intense cleaning, close to the surface of 1000 to 3000 mm (40 - 120") tanks and pipes.

The TWK300 is available with water hydraulic drives to comply with Atex Zone 0 or with powerful electric drives to reach very far inside large diameter pipelines or seawater intakes!



DEBRIS REMOVAL ADAPTER



FORWARD FACING NOZZLES

SPECIFICATIONS

- Scope of use : 1000 - 3000mm (40-120")
- Min. access diameter: 400mm (15,7")
- Drive : Electric
- Max. pressure : 500bar (7,250psi) (ATEX)
- Max. flow : 3000 bar (40,300psi)
- Max. rotation : 21GPM (80LPM)
- Max. temperature : 1000 RPM
- Weight : 90°C (194°F)
- Dimensions : 45kg (99lbs)
- : 850x350x400mm (33.5x14x 16")

FEATURES

- Exchangeable lances for intense cleaning close to the surface
- Pressure switched forward-facing nozzles for cleaning tank heads
- Pneumatic foldable arm to fit 400mm (16") access points
- Water hydraulic driven

OPTIONS

- Camera module(s)
- Adapter for vacuum debris removal
- Hot water compatibility
- Certified Atex explosion Zone 1 or Zone 0

***“THE R600 INDUSTRIAL CLEANING ROBOT
IS COMPATIBLE WITH THE SAME CONTROL UNIT
AND CABLE REEL AS THE SEWER ROBOTS”***

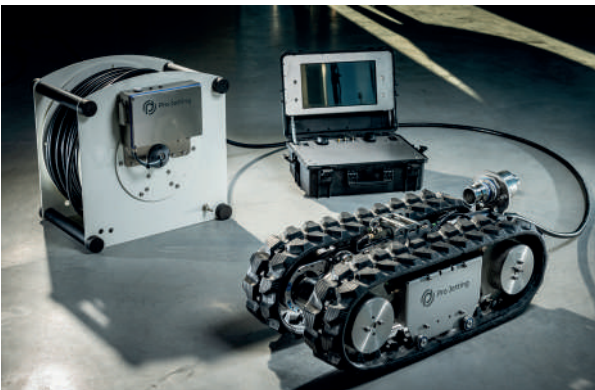


REAR VIEW CAMERA

Rear view camera and convenient connections for power- and job-specific supplies to minimize setup times.

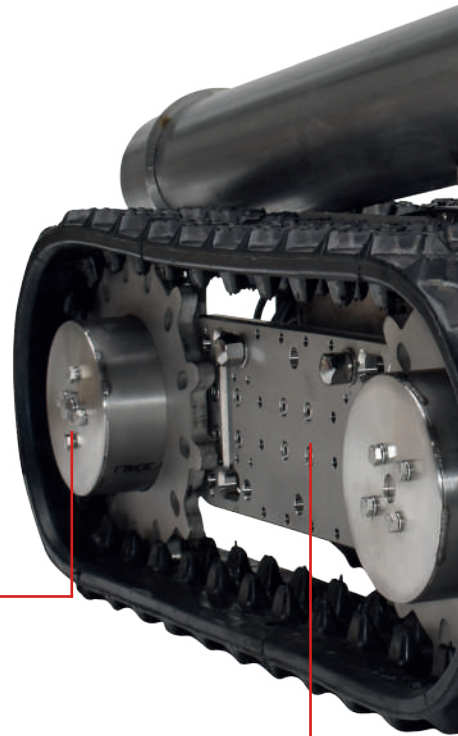
POWERFUL DRIVE

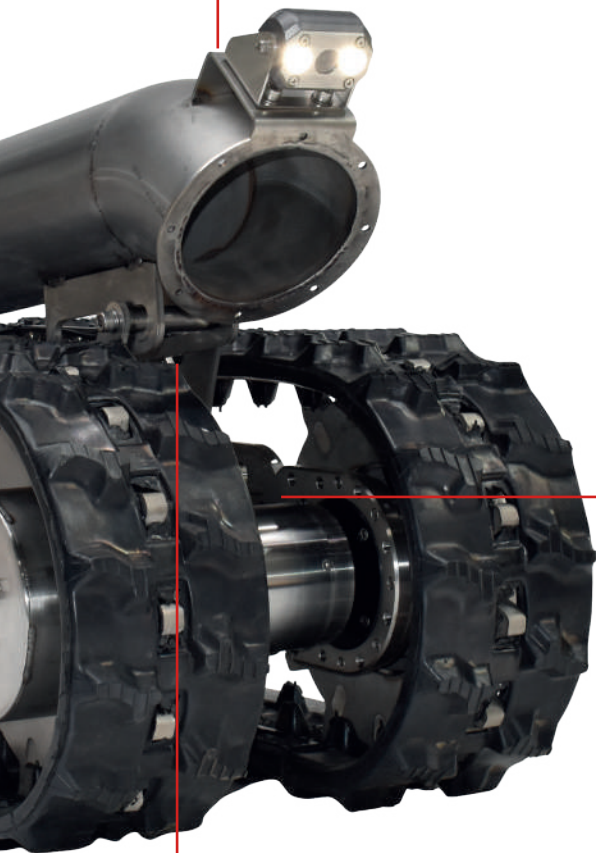
The powerful R600 can be equipped with either 2 or 4 driving motors that provide 150 or 300 KG towing capacity to take a heavy load or reach far inside pipelines or tanks.



DURABLE & MODULAR BASE

The modular base platform is made off durable stainless steel and adjustable in length and width to adjust to various applications.

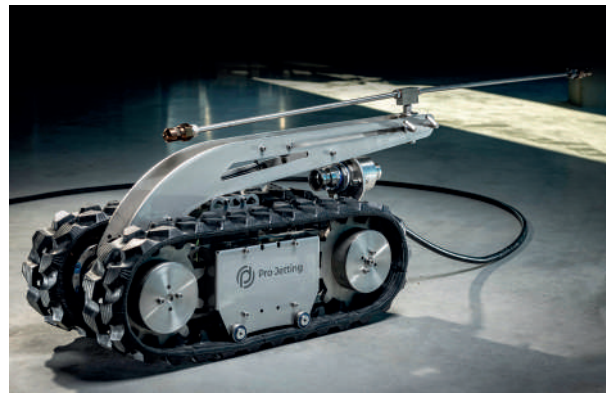




● FULLY CUSTOMIZABLE

The R600's programmable outputs allow easy customization for specialty jobs. Add auxiliary cameras and lighting, additional sensors and electronic- or pneumatic driven movements.

-Or- a completely custom tool can be developed for your specific application.



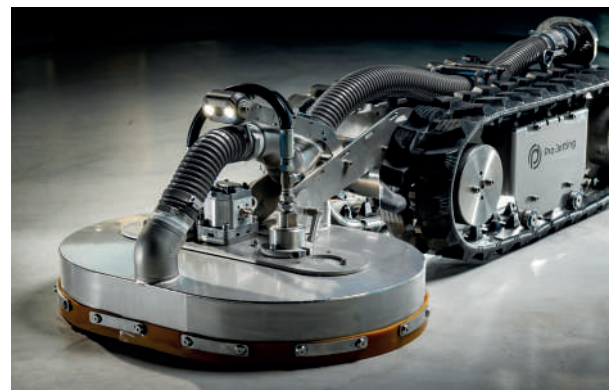
● MULTI-PURPOSE

Various job-specific modules can be easily exchanged to adapt the robot for different applications via its twist-and-lock mechanism.

● HYDRO-PNEUMATIC ACTUATOR

The R600 has a powerful linear actuator to raise the boom, cleaning arm or dome.

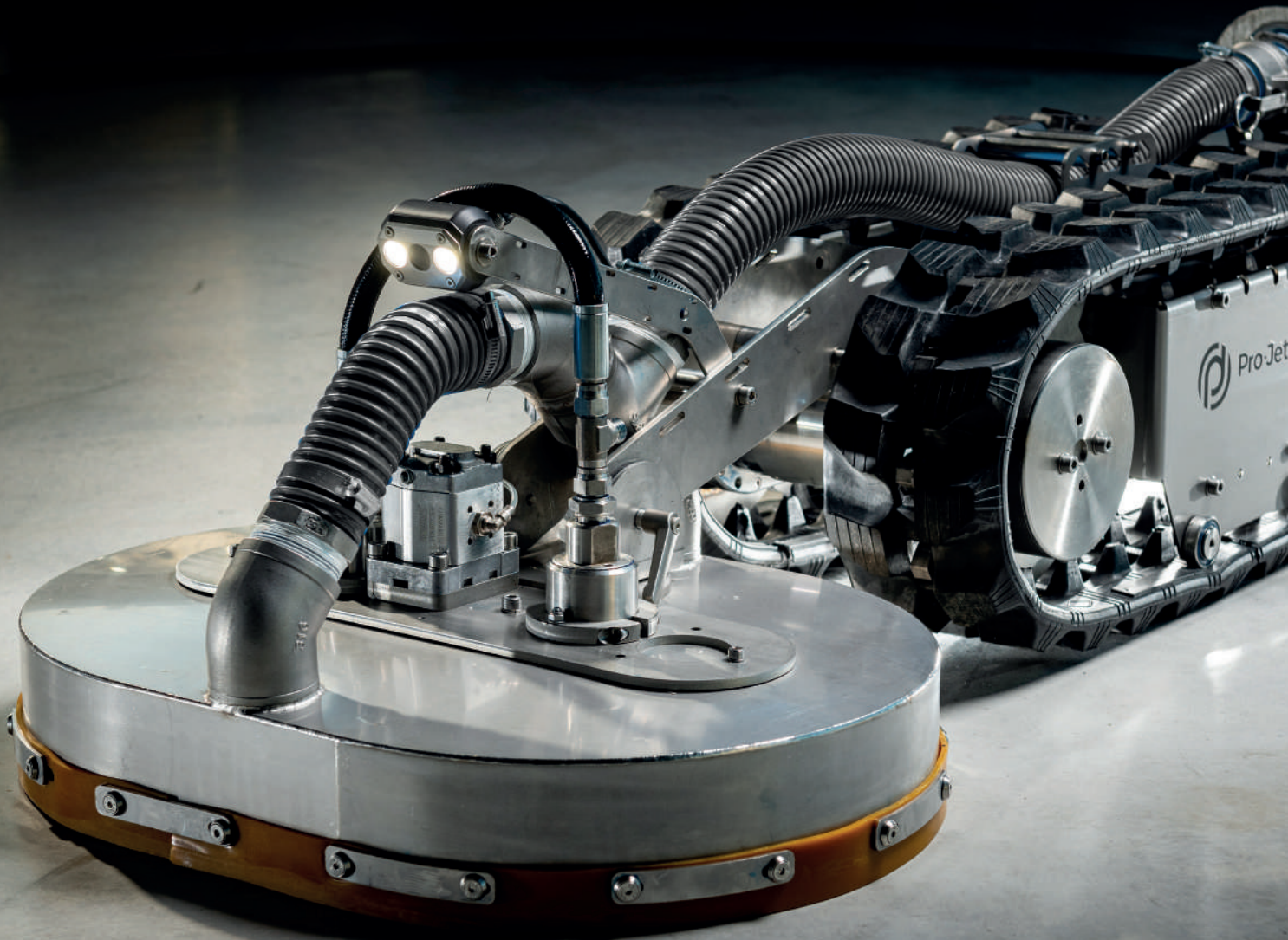
This actuator is operated with compressed air and features an enclosed hydraulic circuit to combine strength and precision.



***“PROGRAMMABLE OUTPUTS ALLOW
EASY **CUSTOMIZATION** FOR SPECIALTY JOBS”***

APPLICATIONS

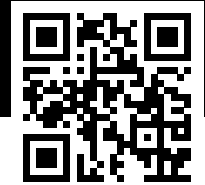
- SURFACE PREPARATION & REMOVAL OF MARKINGS OR STRIPING
- VACUUM EXCAVATION & SLUDGE OR BULK WASTE REMOVAL
- LARGE DIAMETER PIPE & TANK CLEANING
- COLD CUTTING & (ULTRA) HIGH PRESSURE JETTING
- YOUR CUSTOM APPLICATION



SC600DVAC



TRACKED INDUSTRIAL CLEANING ROBOT



SCAN FOR VIDEO

R600 >500MM (>20")

The R600 is a powerful and multi-functional modular robot crawler that can be used with various job-specific modules for heavy-duty industrial applications.

The R600 is compatible and easy exchangeable with the SEWER ROBOTICS mobile cable reel and control unit for a very small footprint or can be used in combination with a special purpose vehicle installed system.



VAC600

SPECIFICATIONS

Scope of use	: >500MM (>20")
Cameras	: Forward facing : Rear view
Lighting	: Intensity adjustable LEDs
Speed	: 3 - 10kmh (1.9-6.2mph)
Traction Force	: 250kg (550lbs) 2 motors : 500kg (1100lbs) 4 motors
Weight	: 110kg (243lbs)
Dimensions	: 900x420x300mm (35.4x16.5x11.8")

COMPATIBLE MODULES

- VAC600 – Vacuum Excavation & Sludge removal
- SC600DVAC – Dual Surface Cleaner with Vacuum
- TWK600 – Large diameter pipe and tank cleaning
- WJ600 – Precision Water Jet Cutting
- Your custom module

FEATURES

- Easy exchangeable job-specific modules
- Heavy-duty stainless steel
- Wide angle color camera with Sapphire protection lens
- Adjustable length and width
- Single, lightweight, hybrid cable
- Programmable outputs for customization

OPTIONS

- Additional sensors
- Auxiliary cameras and lighting
- Electronic- or pneumatic driven features
- Customization and development of job-specific modules



401 MASTER BLASTER 40K

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