REA JET

REA JET DOD 2.0

Impressive all the way
The new Generation of Large Character Printing Systems

The Benchmark in its Class: REA JET DOD 2.0
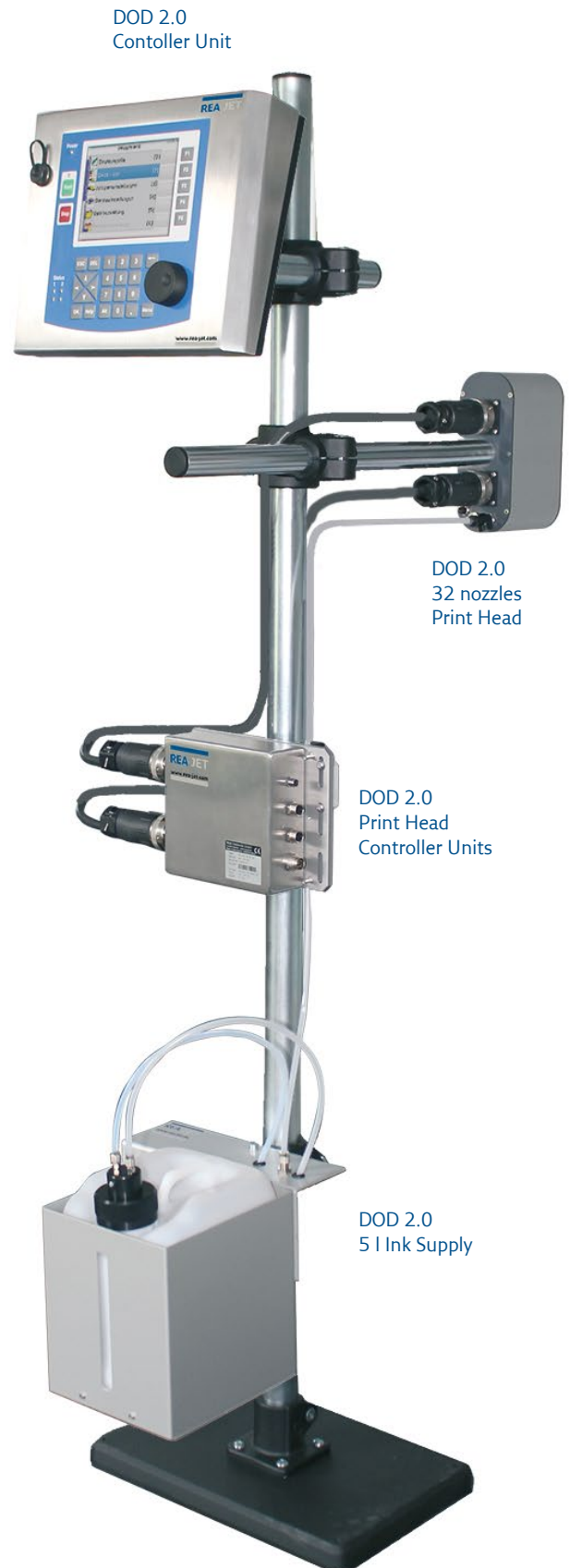## Print head brain work which pays off for our customers

DOD

Determined to further improve our legendary sturdy REA JET DOD large character print heads, we took into consideration two common customer requirements:

1. Doubling of the previous speed potential up to 600 m/min

2. Increased durability due to less wear

→ Mission accomplished!

7 nozzles,
5 - 27 mm

16 nozzles,
5 - 67 mm

32 nozzles,
5 - 140 mm

DOD 2.0
Contoller Unit

DOD 2.0
32 nozzles
Print Head

DOD 2.0
Print Head
Controller Units

DOD 2.0
5 l Ink Supply

Technology improved

High-tech Materials

New materials for less wear

REA JET Know How

Further developed REA JET print head technology

Production Precision

Latest production processes allow for highest accuracy

REA JET DOD 2.0 – Control Center

REA JET DOD 2.0 Controller Unit

Designed for Global Compatibility

- Sturdy and high-quality stainlesssteel casing designed for daily work in harsh and rugged industrial environments

- Full Unicode support: all global languages can be printed for companies with international customers

- Support of all True Type Fonts (TTFs): maximum design flexibility for your print texts

- 24 V power supply: for direct integration into machines and systems

- Wide range power supply available: for immediate global use

- XML-based data structure and communication protocol: globally standard for data compatibility

- Integrated VNC-Server: Remote maintenance tool for diagnosis and support

- Ready for Industry 4.0

- Protection Class IP65: dust-proof and splash water protected for toughest industrial use when required

- Uniform communication protocol for condition monitoring across multiple devices: allowing user-specific signal processing

- Consistent graphical user interface WYSIWYG: realistic display of print contents

- Integrated webserver: enables print system operation via PC, tablets or smartphone

Get connected

- Power supply: 24 V DC from SELV-Power Supply

- External power adaptor IP67 (100 V – 277 V AC, 50-60 Hz)

- Ethernet interface 100 Mbit/s M12-D-coded for fast data exchange

- Serial interfaces RS232/422

- USB interface

- Digital I/O interface: freely programmable (e.g. information on filling level)

- 2 print head connection strings: up to 512 nozzles selectable

  Example 1: 16 print heads with 32 nozzles each (512 nozzles fully used)

  Example 2: 8 print heads with 16 nozzles each (128 nozzles of 512 used)

- Product sensor and shaft encoder port

REA JET DOD 2.0 – Print Head Controller Units
Top: 32 nozzles, bottom: 7/16 nozzles

Rear view REA JET DOD 2.0 Control Terminal – port panel

Always good to go! Industrial ink and primer supply units

REA JET offers various ink and primer supplies - the right solution for every customer requirement.

REA JET Ink- and Primer Supply Unit TV-PP-4.5 liters (AFS) with automatic flushing system

- Highest chemical resistance
- Best mixing performance for inks and primers
- Avoidance of sedimentation
- Greater range through higher filling capacity

- Automatic flushing system
- Automatic or manual operation
- Comprehensive accessories
- Over 500 inks and primers

REA JET TITAN Plattform: A single operating concept for all REA JET technologies

Unlimited operation – Now, everything is easier

Glove Operation
Central push-turn jog-dial knob even for glove operation directly at the production line

Touch Screen
Touch screen for operation directly at the production line

WLAN Browser Operation
Browser operation through mobile devices (PC, tablet, smartphone) via WLAN / WebGui.

PC Operation
Remote control from desktop computer or control stand

Remote Maintenance
Remote maintenance and control available via VNC server

Keyboard Entry
For regularly recurrent extensive text input at the production line – use of international USB keyboards possible
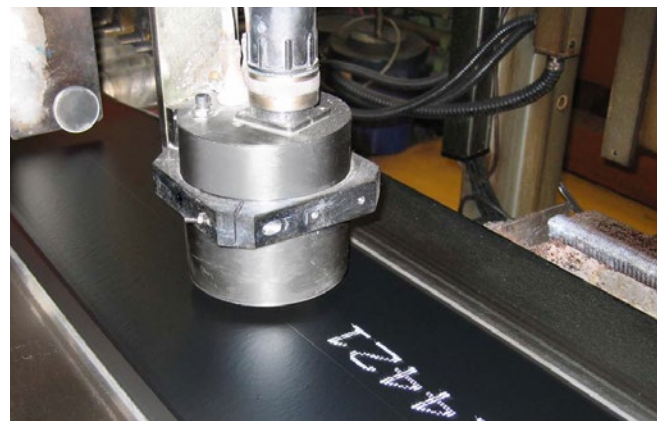
Coding and marking of pipes (steel, plastic etc.)
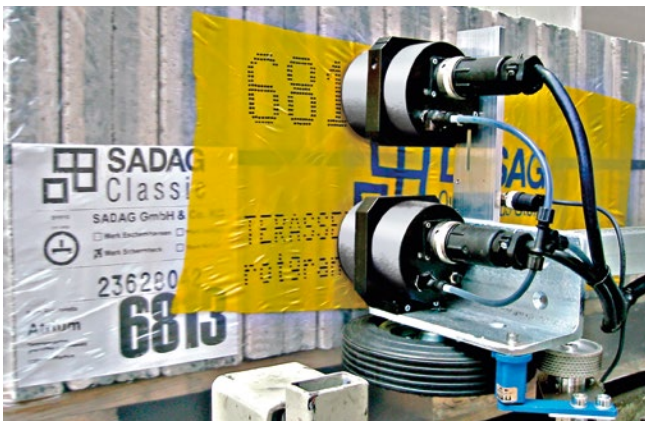

Marking of aluminum plates

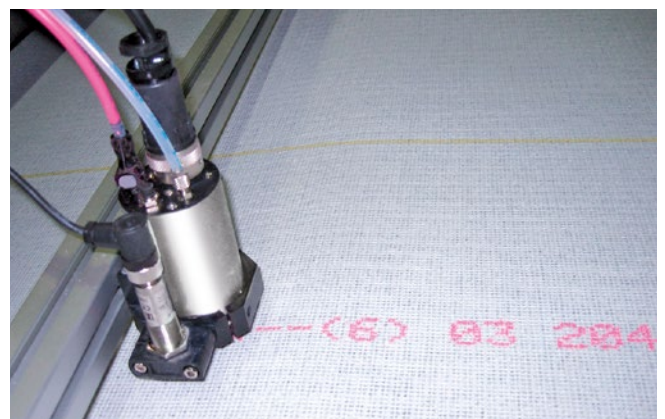Marking of paper bags

Marking of tread on raw rubber

Coding and marking of shrink hoods

Marking of concrete pipes

Large marking of logos on stacked boards

Coding and marking of sheeting materials

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