TUBE & PIPE MARKING TECHNOLOGY

REA SYSTEMS
AUTOMATED TRACEABILITY SOLUTIONS

SMARKTEC
Marking Technology

TUBE & PIPE OD MARKING

OD – STATIONARY MULTIPLE PIPE MARKING ROBOT

▶ Multiple pipe layer marking
▶ Bi-directional marking
▶ Fast writing cycles
▶ Text, logos and datamatrix codes
▶ Machine vision verification
▶ Automatic cleaning station

OD – STATIONARY GANTRY TYPE MARKING ROBOT

▶ Modular construction
▶ Up to 80 ft pipes wide
▶ Text, logos and datamatrix codes
▶ Up to 3 layers (black coat / inkjet / clear coat)
▶ Automatic cleaning station
▶ Machine vision verification
▶ Optional dot peen punch marking

OD – ON-THE-FLY MARKING JIB CRANE

▶ Modular construction
▶ Marking the pipes on-the-fly
▶ Text, logos and datamatrix codes
▶ Up to 3 layers (black coat / inkjet / clear coat)
▶ Automatic cleaning station
▶ Machine vision verification

OD – ON-THE-FLY MARKING ROBOT

▶ Robot marking the pipes on-the-fly
▶ Marking at 120° around the pipe
▶ Text, logos and datamatrix codes
▶ Up to 3 layers (black coat / inkjet / clear coat)
▶ Automatic cleaning station
▶ Machine vision verification

TUBE & PIPE ID MARKING

ID / OD PIPE ROBOTIC MARKING

▶ Multiple lines marking
▶ Text, logos and datamatrix codes
▶ Up to 3 layers (black coat / inkjet / clear coat)
▶ Fast writing cycles
▶ Machine vision verification
▶ Automatic cleaning station

ID SMARKLASE ROBOTIC MARKING

▶ Small ID pipe marking
▶ Text, logos and datamatrix codes
▶ Laser reactive white coating spray application
▶ High resolution laser marking
▶ Machine vision verification
▶ Automatic cleaning station

SPIRAL PIPE MARKING

PIPE MARKING PARALLEL TO THE SEAM

▶ White pigmented ink quality marking
▶ Optional clear coating
▶ Text, logos and datamatrix codes
▶ Machine vision verification
▶ Automatic cleaning station

COATED PIPE MARKING

▶ Multiple lines marking
▶ Text, logos and datamatrix codes
▶ Different color inks available
▶ Machine vision verification
▶ Automatic cleaning station

DATA CAPTURING VISION SYSTEMS

SINGLE CAMERA READERS

▶ Industrial design for the mill enviroment
▶ Datamatrix verification for pipes tracking

VISION TUNNELS

▶ On-The-Fly datamtrix verification up to 3 m/sec
▶ 360° area inspection to detect 2D codes in any position

ROBOTIC LINEAR CAMERA SCANNING

▶ Hi-resolution Linear cameras to scan the surface of the pipe
▶ Complete picture of the stencil including OCR text & datamatrix verification

**More than
2500 customers**

Innovative solutions

**A strong sales and engineering team
specializing in marking and coding solutions**

**Engineering department with more
than 30 years of experience**

**Industry
4.0 reference**