



MAATSBEND

BENDING ANGLE MEASUREMENT SYSTEM



MAATS®
ANGLE MEASUREMENT SYSTEM

Product description: Angle Measurement System
Type: MAATSBEND
Operating Voltage Receiver: 10V - 32V
Operating Voltage Transmitter: 4x AA-battery

serial nr. : _____

Maats B.V. 7471ST Goor info@maats.com
Breukersweg 4 The Netherlands +31 547-260000 **MAATS.COM**

PELI™
1450 CASE

DELLI BONDRIJTS C I II

BENDING ANGLE MEASUREMENT SYSTEM

The MaatsBend was designed because there appeared to be a need for a solid, easy to use, clear and accurate device to take angle measurements when bending pipes.

The result, the MaatsBend, fits perfectly within the core values of Maats: Quality, Reliability and Flexibility.

The MaatsBend angle measurement system is available for both sales and rental.

WM23

COMFORTABLE & EFFICIENT

The MaatsBend provides the comfort of continuous read out of the bend angle, right from the operator stand.

There is no need to stop bending operations for measuring bends, keeping the work moving and efficiently increasing production.

SAFE

The use of a MaatsBend eliminates the risk involved in climbing the bending machine and/or the pipe for measuring angles.

ACCURATE MEASUREMENT

The MaatsBend monitors the achieved bend during operations. The angle of the bend is shown live (with update intervals of 100 ms) on the receiver unit. The achieved bend is measured with an accuracy to 0.01 degree and is displayed in 0.05 degrees.

The receiver has an enlightend display.

EASY TO OPERATE

The MaatsBend consists of two transmitters and one receiver.

The two transmitters with magnetic base plates are placed at the pipe's ends. The magnets automatically align themselves along the length of the pipe to ensure a secure hold. For a non-magnetic pipe, the transmitters can be fixed with a strap or lashing band.

The receiver unit is mounted in a dedicated holder positioned close to the operator's controls, ensuring that readings can be monitored easily and safely during operation.

The power for the receiver unit is taken directly from the bending machine's electrical system with the quick (dis)connect plug.

EASY TO OPERATE TRANSPORT & STORAGE

The MaatsBend is supplied in a protective carry case.

The case has a convenient size and allows for safe & clean storage and transport.



SPECIFICATIONS

Angle measurement	Maximum reading +/- 90.0 degrees
Resolution	0.05 degree
Update interval	100 ms
Radio Transmitter	Bluetooth 5.1
Operating temperature	-20 °C - +60 °C
Enclosures rainwater tight	IP 56
Operating time (batteries)	Rated > 200 hours in operation mode
Communication range	> 24 m
Condensation-resistant enclosure	yes
Chemical resistance	Hydraulic oil, Diesel



POWER

Receiver-/display unit	Operating voltage: 10-32	Cable connected; 1,5 m
Sensor units	4x AA Battery per unit	
Supply current	200 mA average	



CARRY CASE

Dimensions	420 mm x 340 mm x 175 mm
Weight (incl. unit)	7,5 kg

CONTENTS OF THE SUITCASE

1x Receiver-/display unit with 1,5 meter power cable
2X Transmitter/sensor unit
8X AA battery
2X Lashing band
1X Screwdriver

OPTIONS AND ADDITIONAL ACCESSORIES

Unit holder (to be mounted to the bending machine)
Battery pack (power bank) for receiver (instead of external power supply)
Customized start-up screen and receiver foil (e.g. your own company logo instead of Maats' logo)
Calibration tool, for on site testing your angle on a calibrated tool
Tools for battery change
Set of extra magnets
Set of extra batteries
Case color (standard is orange)
GPS tracker on case





MAATS®
PIPELINE PROFESSIONALS



MAATS PIPELINE PROFESSIONALS

Maats manufactures, sells and rent out high quality equipment for the construction of pipelines with all common diameters from 6 up to 60 inches. With branch offices in Indonesia (PT. Maats), partnerships in Algeria (Maats Afrique) and Turkey (Maats Insaat) and a close cooperation with the global network of Liebherr companies, Maats' presence is truly global.

THE NETHERLANDS HEAD OFFICE

Breukersweg 4
7471 ST Goor
the Netherlands
P.O.Box 165
7470 AD Goor
the Netherlands
T: +31 (0)547 260 000
F: +31 (0)547 261 000
E: info@maats.com

INDONESIA SUBSIDIARY

Kawasan Industri Sekupang Makmur
Abadi E4 No. 1
JL. R.E. Martadinata
Tanjung Pinggir, Sekupang
29428 Batam
Indonesia
T: +62 (0)778 326 526
F: +62 (0)778 326 576
E: info@maats.com



**STRENGTH,
PERFORMANCE
& RELIABILITY
UNDER ALL
CIRCUMSTANCES.
READY FOR
FUTURE CHALLENGES**

MAATS®.COM

ISO 9001
BUREAU VERITAS
Certification



V1 september 2025