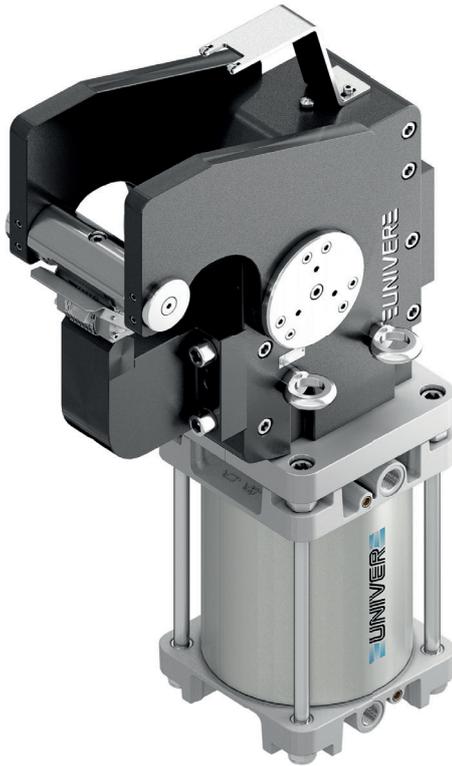


UPR 11

Marking unit with marking head, 12000 Nm



Marking unit with 12000Nm clamping moment specially designed for marking serial numbers on metal sheets. The integrated compensation allows to mark different metal sheet thickness (up to 2 mm) without further adjustments. High customisation rate thanks to the possibility to choose the marking position and the marking head type: number of characters, character height and depth.

- Marking head up to 8 characters
- Integrated compensation up to 2 mm
- Automatic or manual marking head available
- Possibility to orient the marking surface
- 73° opening angle
- Electronic sensor
- Fully protected internal mechanical system

CHARACTERISTICS

Operating temperature	5° ÷ 45° C
Min./Max. Operating pressure	0,4 / 0,6 MPa
Opening angle	73°
Cylinder bore Ø	200 mm
Marking force (0,5 MPa)	62 KN
Moment (0,55 Mpa)	12000 Nm
Weight	133 kg
Air cycle (0,5 MPa)	55,5 NI
Pneumatic supply ports	G3/4
Sensor	electronic (optical)
Supply voltage	10 ÷ 30 Vdc
IP code	IP 65

CODIFICATION KEY

UPR	11	13	73	M	EE	S	0	
1	2	3	4	5	6	7	8	9



COMPENSATION



OPTICAL SENSOR

1 SERIES
UPR = UNICLAMP Marking units

2 VERSION
11 = 12000 Nm Ø200 mm cylinder

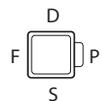
3 SIZE
13 = 130 mm

4 OPENING ANGLE
73 = 73° Fixed opening angle

5 MARKING HEAD POSITION
M = on the moving part
F = on the fixed part

6 PROGRESSIVE NUMBERING
EE = Standard version
Progressive numbers are assigned by the Sales Dept.

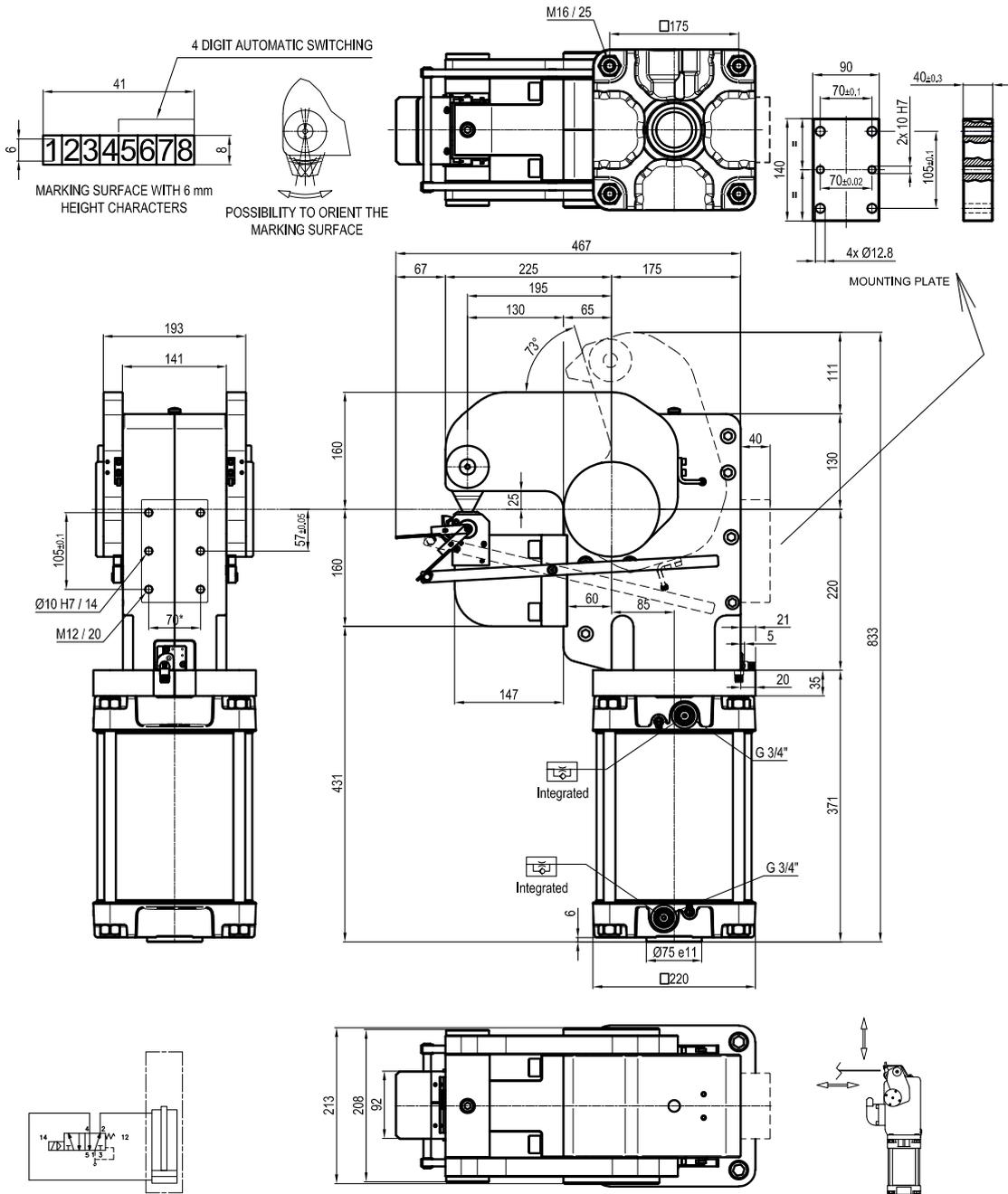
7 CONNECTIONS
S = Left side (Standard)
D = Right side
F = Front side
P = Rear side



8 PRODUCT REVISION
Assigned by UNIVER

9 ATEX
X = ATEX option
See ATEX Catalogue for types and versions

F Character mounting
On the fixed part



* TOLERANCE BETWEEN DOWELS $\pm 0,02$, BETWEEN SCREW HOLES $\pm 0,1$

Sensors



Electronic (optical)

- DF-K PNP M12
- DF-J NPN M12
- DF-Y PNP M12 White LED

