

# Micro-percussion column-mounted marking system

The XF500Zm is a column-mounted micro-percussion marking system that incorporates a motorised axis, as well as a touch sensor in the marking zone. It is simple to use and very accurate, thanks to the fine control offered by its MICz stylus and by its motorised Z axis, which enables it to automatically seek the surface to be marked. Ideal for single or small-series marking, the unit has numerous applications.

In use, the XF500Zm only needs to be positioned on a work-bench and plugged in for it to be ready to start marking. The keyboard is supplied and the software is integrated — plus the user has all the traceability, text, counter, date, serial number, data matrix codes and logos available. Marking sheets are easily created, thanks to a wide 140 × 128-pixel

screen and a graphic display with icons. Logos or sheets can be simply imported or exported, using a USB stick.

Furthermore, characters from 0.5 to 99mm in size can be marked on a marking field up to 100 × 120mm — and on parts up to 300mm high.

XF500Zm marking is fast (up to 5 characters per sec), and the motorised Z axis eliminates the need for manual adjustment (the unit can automatically position its marking head at the correct level on the part concerned). The XF500Zm operates from a single-phase supply (90-230V), and more than 20 languages are available on its user interface. All types of materials can be marked, and the unit can receive data either via the keyboard or a bar-code reader.



## Metal prices

### NON-FERROUS METALS

The following stockist prices are for ex-stock and forward delivery. Spot prices are not necessarily geared to current UK mill prices, neither do they guarantee local availability.

	£/tonne:
<b>Aluminium —</b>	
1050A Standard sheet 0.9mm and thicker .....	1,950
5251 Standard (mag-alloy) sheet 0.9mm and thicker .....	2,050
5083 Plate 25mm thick .....	2,300
LM24 Pressure diecasting ingot .....	1,570-1,600
LM6/LM25 Gravity diecasting ingot .....	1,800-1,850
<b>Brass —</b>	
SCB3 ex-works (ingot) .....	3,650.00
High Tensile HTB1 ex-works (ingot) .....	3,890.00
<b>Copper —</b>	
Copper Grade A cash .....	4,654.16
Phosphor Copper 10% P ex-works (ingot) .....	6,800.00
Phosphor Copper 15% P ex-works (ingot) .....	7,000.00
<b>Lead —</b>	
Cash settlement .....	1,378.62
Three months settlement .....	1,394.36
<b>Gunmetal —</b>	
LG2 85/5/5/5 ex-works (ingot) .....	4,460.00
LG4 87/7/3/3 ex-works (ingot) .....	4,730.00
G1.11.5 Pb ex-works (ingot) .....	5,470.00

\* Lots up to 5 metric tonnes; N/A not available

### UK FERROUS SCRAP

The following represents an evaluation of UK prices, delivered to consumer, exporter's dockside or processor's yard (see footnotes). Prices may vary according to region and destination.

	£/tonne:
<b>Cut Grades —</b>	
OA plate and structural <sup>1,2</sup> .....	190-210
1 Old steel <sup>1,2</sup> .....	170-190
2 Old steel <sup>2,3</sup> .....	165-185
12A/C/D New production heavy steel <sup>1,3</sup> .....	190-200
<b>Frag and Frag Feed —</b>	
3B Fragmentised (shredded) <sup>1,2</sup> .....	170-190
5C Loose old light <sup>1,3</sup> .....	140-150
<b>Bales and Cuttings —</b>	
4A New steel bales <sup>1,2</sup> .....	215-225
4C New steel bales <sup>1,2</sup> .....	205-215
8A New loose light cuttings <sup>1</sup> .....	185-195
8B New loose light cuttings <sup>1</sup> .....	175-185
<b>Turnings —</b>	
7B Heavy steel turnings <sup>1,2</sup> .....	145-150
<b>Cast Iron —</b>	
9A/10 Heavy and light cast iron <sup>1,2</sup> .....	175-195
9B/C Cylinder block scrap <sup>1,2</sup> .....	210-240
11A Cast iron borings <sup>1,2,3</sup> .....	150-170
<b>Alloy steel —</b>	
<b>UK merchants' stainless —</b>	
£/tonne:	
18/8 turnings .....	997-1,035
18/8 solids .....	1,330-1,380
12-13% Cr solids .....	210-250
16-17% Cr solids .....	260-310

UK home high speed — p/kg:

18-4-1 solids .....	N/A
18-4-1 turnings .....	N/A
6-5-2 solids .....	180-210
6-5-2 turnings .....	130-160

Delivered to: <sup>1</sup> consumer, <sup>2</sup> dockside, <sup>3</sup> processor

### NON-FERROUS SCRAP

The following prices cover the normal variations between the selling prices of smaller and larger merchants; the highest prices thus typify consumers' buying levels. There are, however, normally some regional variations. These prices are the consumers' buying prices.

	£/tonne:
<b>Aluminium —</b>	
Group 1 Pure 99% min (baled) .....	1,150-1,200
Group 1 Litho (baled) .....	1,150-1,200
Commercial pure cuttings .....	980-1,000
Clean HE9 extrusions .....	1,110-1,140
Mixed alloy/Old rolled cuttings .....	775-825
Commercial cast .....	930-1,000
Commercial turnings .....	630-670
Group 7 turnings .....	550-570
<b>Titanium —</b>	
Turnings, unprocessed type	
90/6/4 (0.5% Sn max) .....	1.75-2.00
Turnings, unprocessed type	
90/6/4 (over 0.5%, max 2% Sn) .....	1.65-1.90

### Notice

**Non-ferrous scrap and ingot price**  
Metal Bulletin no longer publishes the European free-market non-ferrous scrap prices for brass, gunmetal, copper, lead and zinc.

This information on metal prices was collated by *Metal Bulletin*, 16 Lower Marsh, London SE1 7RJ (Tel: 020 7827 9977), and passed to us on 9 August 2010. It is published in good faith, but should be taken as only an approximate guide.