THE NEW LORCH RANGE

MicorSTEEL

BUILT FOR STEELWORK.

400-500A / MIG-MAG & MMA

SPEEDARC INCLUDED



FOCUSED ON PRODUCTIVE STEEL FABRICATION.

MicorSTEEL is designed for unalloyed steel and flux-cored wire applications in structural steelwork, assembly, mechanical and plant engineering. Choose manual, synergic or SpeedArc control, with MMA capability including CEL electrodes.

CONTROLPLUS

A clear three-step operating concept, stepless current adjustment and seven-stage dynamic arc control.

FIVE QUICKJOBS

Store proven settings for repeat parts and recall them quickly when operators or applications change.

SPEEDARC

A focused arc for deep penetration and high deposition rates, with potential to reduce weld-preparation angles.

Tell us about your steelwork, working area and duty requirements. We will help specify the right package.

R H DAVEY WELDING SUPPLIES LTD
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TWO OUTPUTS. TWO FORMATS.

MICORSTEEL 400 & 500 / COMPACT A-SYSTEM OR SEPARATE-FEEDER B-SYSTEM



A-SYSTEM

Integrated wire feeder



B-SYSTEM

Detachable MF-08 feeder



CONTROLPLUS

Manual / Synergic / SpeedArc

Specification	MicorSTEEL 400	MicorSTEEL 500
MIG-MAG range	30-400A / 15.5-34.0V	30-500A / 15.5-39.0V
Maximum-current duty cycle at 40°C	400A at 45%	500A at 45%
Output at 60% duty cycle / 40°C	370A	430A
Output at 100% duty cycle / 40°C	300A	370A
Steel / flux-cored wire diameter	0.8-1.6mm / 1.2-1.6mm	0.8-1.6mm / 1.2-1.6mm
Wire feed unit	4 rolls (2 driven)	4 rolls (2 driven)
Mains supply / tolerance	400V 3-phase, 50/60Hz / +/-15%	400V 3-phase, 50/60Hz / +/-15%
Mains fuse / plug	32A slow-blow / CEE 32	32A slow-blow / CEE 32
Efficiency / idle power	90% / less than 30W	89% / less than 30W
A-system dimensions (L x W x H)	880 x 490 x 885mm	880 x 490 x 885mm
B-system source dimensions (L x W x H)	880 x 490 x 955mm	880 x 490 x 955mm
A-system / B-system source weight	74kg / 71kg	79kg / 76kg
MF-08 feeder dimensions / weight	575 x 245 x 434mm / 10.6kg	575 x 245 x 434mm / 10.6kg
Protection / insulation class	IP23S / F	IP23S / F

B-system source weights exclude the 10.6kg wire feeder. MF-08 dimensions include the handle; height without handle is 380mm. Optional end-crater filling and LMS Powermaster torch control extend the available configuration.

LET'S SPECIFY YOUR NEXT LORCH.

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Technical information and photography: Lorch MicorSteel series data sheet and English brochure 913.1310.1 (10/2026). Specifications subject to change. Images illustrate example configurations; accessories vary by package.