

Technical data

BAS 040 - BAS 065

metrical

| Machine | | | | |
|--|-----------------|----------------------|----------------------|---------------------|
| Type | | BAS 040 | BAS 050 | BAS 065 |
| Welding range - band saws / band knives¹ | | | | |
| Metal band saws (bi-metall/tungsten) | mm | 3,0 x 0,6 - 27 x 0,9 | 6,0 x 0,6 - 34 x 1,1 | 10 x 0,7 - 54 x 1,6 |
| Wood cutting band saws | mm | 5,0 x 0,4 - 40 x 1,0 | 6,0 x 0,4 - 50 x 1,0 | 10 x 0,7 - 60 x 1,0 |
| Stainless steel band saws | mm | 5,0 x 0,4 - 20 x 0,4 | 6,0 x 0,4 - 25 x 0,5 | 10 x 0,4 - 35 x 0,8 |
| Band knives | mm | 6,0 x 0,4 - 20 x 0,6 | 6,0 x 0,4 - 30 x 0,6 | 10 x 0,4 - 40 x 0,8 |
| Welding range - steel strip | | | | |
| S235JR (St37-2) | mm ² | 40 | 75 | 100 |
| X5CrNi18-10 (1.4301) | mm ² | 20 | 40 | 50 |
| Clamping system | | | | |
| Upset pressure | kN | 0,75 | 2,2 | 5,0 |
| Clamping width | mm | 40 | 50 | 60 |
| Thickness range | mm | 0,4 - 2,5 | 0,4 - 2,5 | 0,4 - 2,5 |
| Performance | | | | |
| Nominal capacity (50% DC) | kVA | 3,5 | 4,5 | 20 |
| Secondary voltage | steps | 4 | 6 | 4 |
| Dimensions and weight | | | | |
| W x D x H | mm | 600 x 450 x 430 | 750 x 950 x 600 | 950 x 700 x 800 |
| Weight | kg | 80 | 140 | 290 |

¹ typical area of application

Technical data

BAS 040 - BAS 065

imperial

| Machine | | | | |
|--|--------------|-----------------------------|-----------------------------|-----------------------------|
| Type | | BAS 040 | BAS 050 | BAS 065 |
| Welding range - band saws / band knives¹ | | | | |
| Metal band saws (bi-metall/tungsten) | <i>inch</i> | 1/8 x 0,025 - 1 x 0,035 | 1/4 x 0,025 - 1 1/4 x 0,042 | 3/8 x 0,028 - 2 x 0,063 |
| Wood cutting band saws | <i>inch</i> | 1/4 x 0,016 - 1 1/2 x 0,042 | 1/4 x 0,016 - 2 x 0,042 | 3/8 x 0,028 - 2 3/8 x 0,042 |
| Stainless steel band saws | <i>inch</i> | 1/4 x 0,016 - 3/4 x 0,016 | 1/4 x 0,016 - 1 x 0,020 | 3/8 x 0,016 - 1 1/4 x 0,032 |
| Band knives | <i>inch</i> | 1/4 x 0,016 - 3/4 x 0,025 | 1/4 x 0,016 - 1 1/8 x 0,025 | 3/8 x 0,016 - 1 1/2 x 0,032 |
| Welding range - steel strip | | | | |
| S235JR (St37-2) | <i>SQ IN</i> | 0,062 | 0,116 | 0,155 |
| X5CrNi18-10 (1.4301) | <i>SQ IN</i> | 0,031 | 0,062 | 0,078 |
| Clamping system | | | | |
| Upset pressure | <i>lbf</i> | 169 | 495 | 1124 |
| Clamping width | <i>inch</i> | 1 1/2 | 2 | 2 3/8 |
| Thickness range | <i>inch</i> | 0,016 – 0,100 | 0,016 – 0,100 | 0,016 – 0,100 |
| Performance | | | | |
| Nominal capacity (50% DC) | <i>kVA</i> | 2 ² | 3 ² | 3,5 |
| Secondary voltage | <i>steps</i> | 4 | 4 | 4 |
| Dimensions and weight | | | | |
| W x D x H | <i>inch</i> | 23,6 x 17,7 x 16,9 | 29,5 x 37,4 x 23,6 | 37,4 x 27,6 x 31,5 |
| Weight | <i>lb</i> | 175 | 310 | 640 |

¹ typical area of application