

**BASIC DATA**

|   |     |        |
|---|-----|--------|
| Suitable for pipe range (outside diameter)            | mm  | 50-610 |
|   | in  | 2-24   |
| Maximum pipe weight                                   | kg  | 3000   |
|   | lbs | 6610   |
| Maximum pipe length 6.000 mm                          |     | incl.  |
| Maximum pipe length 12.000 mm                         |     | option |
| Minimum pipe length (including 10 mm clamping length) | mm  | 475    |
|   | in  | 18.7   |
| CE compliant  |     | incl.  |

**CONTROLLER**

|  |  |       |
|--|--|-------|
| Industrial PC with Windows XP embedded (solidstate with flash drive) |  | incl. |
| Delta tau CNC system   |  | incl. |
| HumanMachine Interface with 17inch TFT colour screen                 |  | incl. |
| USB  |  | incl. |
| LAN package (network connection), excl. cabling                      |  | incl. |

**SOFTWARE**

|                                  |  |        |
|----------------------------------|--|--------|
| Manual machine programming (MDI) |  | incl.  |
| Manual office programming (OPPL) |  | option |
| CAD/CAM connection (Tubecam)     |  | option |
| Auto nesting program (AN)        |  | option |

**PROFILES**

|   |  |       |
|---|--|-------|
| - single and multiple chamfer                           |  | incl. |
| - hole set-in centric/eccentric                         |  | incl. |
| - hole set-on centric/eccentric                         |  | incl. |
| - oblong/slot hole (2 side bevel)                       |  | incl. |
| - mitre holecentric/eccentric (strainer)                |  | incl. |
| - mitre saddle centric/eccentric (strainer)             |  | incl. |
| - single and multiple saddle centric/eccentric          |  | incl. |
| - elbows addle  |  | incl. |
| - Partial But Weld for centraline angles over 45° (PBW) |  | incl. |

**MACHINE ACCURACY**

|  |    |         |
|--|----|---------|
| Main drive rotation  | 0  | ± 0,25  |
| Cutting trolley longitudinal movement  | mm | ± 0,5   |
|  | in | ±2 e-2  |
| <b>CUTTING ACCURACY</b> (based on circular pipes with constant wall thickness)<br>In compliance with DIN2310, Tolerance class C and Quality Part 4, Quality 1. |    | incl.   |
| Cutting length   | mm | ± 1,5   |
|  | in | ± 6 e-2 |
| Bevel  |    | ±2      |

**CUTTING PROCESS**

|  |  |        |
|--|--|--------|
| Oxyfuel  |  |        |
| Wall thickness range at 45°cutting angle: from 3-50mm (0.12-2 in)  |  | incl.  |
| Electric gas valves and ignition   |  | incl.  |
| plasma   |  |        |
| Kjellberg FineFocus450 (34 kVA), air plasma. Wallthicknessrangeat 45°cutting angle: 31mm max, quality cut: 24mm. |  | option |
| Kjellberg S45W, air plasma. Wallthicknessrangeat 45°cutting angle: 31mm max, quality cut: 24mm.                  |  | option |
| O2 cutting, Ar/H2 cutting, Ar/H2/N2 cutting  |  | option |