

MACHINE SPECIFICATIONS

Bed Type Milling Machines - BF Series

| Models | | BF 1700 | BF 2200 | BF 2700 | BF 3200 | BF 4200 |
|----------------------------|--------|--|----------------|----------------|----------------|----------------|
| TABLE | | | | | | |
| Working surface | mm | 1700x100 | 2200x100 | 2700x1000 | 3200x1000 | 4200x1000 |
| "T" slots, number and size | mm | 7-22 (1 H7, 6 H8) | | | | |
| Distance between "T" slots | mm | 140 | | | | |
| Max. admissible load | kg | 5500 | 7200 | 9000 | 11000 | 13000 |
| TRAVELS | | | | | | |
| Longitudinal table | mm | 1500 | 2000 | 2500 | 3000 | 4000 |
| Cross travers ram | mm | 1000 (optional 1200) | | | | |
| Vertical traverse | mm | 1000 (optional 1250 y 1500) | | | | |
| SPINDLE | | | | | | |
| Spindle taper | | 50 DIN 2080 (ISO-50) o DIN 59871A (ISO 7388/1, BT-50, ANSI-50)* | | | | |
| Tool clamping force | daN | 1500 | | | | |
| Infinitely variable speed | mm-1 | 40-2500 (optional 40-3000) | | | | |
| Spindle motor power | Kw | 3 Speed ranges 22 (optional 30) | | | | |
| Maximal torque at spindle | Nm | 1460 | | | | |
| FEEDS | | | | | | |
| Rapid feed | mm/min | 10000 | | | | |
| Working feeds | mm/min | 0 - 4000 | | | | |
| Maximal axis pressure | daN | X, Y, Z: 2400 | | | | |
| Feed motors | Nm | X, Y, Z: 28 | | | | |
| Ballscrews | mm | X, Y, Z: 50 x10 | | | | |
| PRECISIONS | | | | | | |
| Positionnement | mm | + / - 0.0005 (**) | | | | |
| Repeatability | mm | + / - 0.0005 (**) | | | | |
| WEIGHT | | | | | | |
| Weight | Kgs | 14500 | 15000 | 16000 | 16500 | 18000 |