**Specifications**

Horizontal boring machine with boring spindle dia. 110 and 130mm model TPX6111B TPX6111B/2 TPX6111B/3 TPX6111C/3 TPX6113 61113/2

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| --- | --- | --- | --- | --- | --- | --- |
| Model | TPX6111B | TPX6111B/2 | TPX6111B/3 | TPX6111C/3 | TPX6113 | TPX6113/2 |
| Boring spindle diameter (mm) | 110 | 130 |
| Spindle taper | Morse no.6 (ISO7:24 No.50 optional) | ISO7:24No50 | Metric 80(ISO7:24No50) |
| Max. spindle torque(N.m) | 1225 | 1250 | 3136 |
| Max. facing head torque (N.m) | 1960 | 1960 | 4900 |
| Max. spindle thrust(N) | 12250 | 12250 | 31360 |
| Max. traverse of boring spindle (mm) | 600 | 600 | 900 |
| Number of spindle speed | 22 | Variable | 24 |
| Range of spindle speed (r/min) | 8-1000 | 8-1100 | 4-800 |
| Travel of facing slide (mm) | 180 | 180 | 250 |
| Table working surface (mm) | 1100x960 | 1100x960 | 1250x1100 | 1250x1100 | 1600x1400 | 1800x1600 |
| Max. permissible load on table (kg) | 2500 | 2500 | 3000 | 3000 | 8000 | 10000 |
| Distance between spindleaxis and table surface (mm) | max | 900 | 900 | 1200 | 1200 | 1400 | 1800 |
| min | 0 | 0 | 0 | 0 | 0 | 0 |
| Table travel (mm) | longitudinal | 1000 | 1000 | 1400 without back column | 1400 without back column | 1500 | 2000 without back column |
| transverse | 900 | 1250 | 1600 | 1600 | 1600 | 2000 |
| Transverse rapid for spindle, headstock, worktable (mm/min) | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 |
| Range of spindle, headstock and table feeds per spindle revolution (mm/r) | 0.04-60.01-1.88 | -- | 0.05-80.01-2 |
| Feed range of spindle, headstock, worktable, radial slide (mm/min) | -- | -- | -- | 0.32-2500 | -- | -- |
| Power of main drive motor (kw) | 7.5 | 7.5 | 7.5 | 15 | 15 | 15 |
| Overall dimensions(L×W×H) (mm) | 491024542750 | 491028702750 | 512033803100 | 512033803100 | 699536473442 | 703046653800 |
| Weight of machine (kg) | 13000 | 14500 | 18000 | 18000 | 24500 |  |