**Specifications**

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 spindle  axis 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) | | 0.04-6  0.01-1.88 | | | -- | 0.05-8  0.01-2 | |
| 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) | | 4910  2454  2750 | 4910  2870  2750 | 5120  3380  3100 | 5120  3380  3100 | 6995  3647  3442 | 7030  4665  3800 |
| Weight of machine (kg) | | 13000 | 14500 | 18000 | 18000 | 24500 |  |