

| Specification | Unit | DL-20MH | DL-25MH | DL-30MH | DL-32MH | DL-40MH |
|---|-------|----------------------------------|--|----------------------------------|--|--|
| Max. swing diameter over bed | mm | Φ440 | Φ520 | Φ625 | Φ680 | Φ900 |
| Max. turning diameter(Shaft/Disc) | mm | Φ260/Φ380 | Φ310/Φ500 | Φ360/Φ570 | Φ440/Φ590 | Φ600/Φ760 |
| Max. turning length | mm | 500/900 | 1000/1500 | 940/1440 | 950/1450/1950/2950 | 950/1450/1950/2950 |
| Guideway type | | Linear guideway | Box way Opt. Linear guideway(1000) | Linear guideway | Box way | Box way |
| Spindle | | | | | | |
| Chuck size | inch | 8 | 10 | 12 | 15 | 15 |
| Type of spindle nose | | A ₂ -6 | A ₂ -8 | A ₂ -8 | A ₂ -11 | A ₂ -11 |
| Spindle speed range | rpm | 4000 | 3500 | 3000 | 2000 | 1500 |
| Spindle t bore | mm | Φ76 | Φ87 | Φ88 | Φ100 | Φ132 |
| Max. bar capacity (Equipped with through-hole hydraulic chuck) | mm | Φ65 | Φ74 | Φ74 | Φ80 | Φ80 |
| Spindle motor power | kW | 11/15 | 18.5/22 | 18.5/22 | 22/30 | 22/30 |
| Travel | | | | | | |
| Max Cross travel of X axis | mm | 265 | 260 | 370 | 375 | 435 |
| Max Cross travel of Z axis | mm | 540/940 | 1040/1600 | 1100/1600 | 1020/1520/2020/3020 | 1020/1520/2020/3020 |
| Rapid traverse of X/Z axis | m/min | 24/24 (Z:16 900) | 12/12 Box way 24/16 Linear guideway | 24/24 | 12/16 | 12/16 |
| Tool post | | | | | | |
| Turret type and tool numbers | | 12-position live tooling turret | | | | |
| Tool shank size | mm | 25×25 | 25×25 | 25×25 | 32×25 | 32×25 |
| Indexing time(adjacent/farthest) | s | 0.58/0.97 | 0.58/0.97 | 0.58/0.97 | 0.58/0.97 | 0.58/0.97 |
| Tailstock | | | | | | |
| Diameter of tailstock quill | mm | Φ85 | Φ100 | Φ140 | Φ160 | Φ160 |
| Tailstock quill stroke | mm | 139 | 139 | 150 | 180 | 180 |
| Accuracy | | | | | | |
| X(C) axis positioning accuracy | mm | 0.011(44") | 0.011(44") | 0.011(44") | 0.011(44") | 0.011(44") |
| Z axis positioning accuracy | mm | 0.011/0.018 | 0.018/0.021 | 0.018/0.021 | 0.018/0.021/0.021/0.021 | 0.018/0.021/0.021/0.021 |
| X(C) axis repeatability accuracy | mm | 0.004(18") | 0.004(18") | 0.004(18") | 0.004(18") | 0.004(18") |
| Z axis repeatability accuracy | mm | 0.004/0.007 | 0.007/0.009 | 0.007/0.009 | 0.007/0.009/0.009/0.009 | 0.007/0.009/0.009/0.009 |
| Controller | | | | | | |
| CNC Controller | | FANUC 0i-TF | | | | |
| General | | | | | | |
| Machine dimensions(L×W×H) Rear chip conveyor | mm | 3900×1910×1880 4430×1910×1880 | 5010×2020×2110 5200×2020×2110 | 5700×2200×2150 6450×2200×2150 | 5922×2120×2217(1000) 6431×2120×2217(1500) 6921×2120×2217(2000) 8339×2321×2350(3000) | 6552×2340×2457(1000) 7052×2340×2457(1500) 7552×2340×2457(2000) 8936×2578×2598(3000) |
| Machine weight | kg | 4000/5000 | 7800/8300 | 8500/9500 | 11000/12000/13000/14500 | 11500/12500/13500/15000 |