

VOLAR SERIES

**MULTI-TURRET
MACHINES
DESIGNED FOR
HIGH PRODUCTION**

TECHNICAL DATA

| | TTL-52-52 | | | TTL-52-66 | | | TTL-66-52 | | | TTL-66-52 | | |
|---|-----------------------|-------------|---------|-----------------------|-------------|---------|-----------------------|-------------|---------|-----------------------|-------------|---------|
| | T1-T2 | T1M-T2M | T1Y-T2Y | T1-T2 | T1M-T2M | T1Y-T2Y | T1-T2 | T1M-T2M | T1Y-T2Y | T1-T2 | T1M-T2M | T1Y-T2Y |
| GENERAL DATA | | | | | | | | | | | | |
| Maximum turning diameter (in) | 8.66 | | | 8.66 | | | 8.66 | | | 8.66 | | |
| Distance between spindle nose and tailstock centre (in) | 24.17 | | | 24.17 | | | 24.17 | | | 24.17 | | |
| Distance between centres (in) | 31.50 | | | 31.50 | | | 31.50 | | | 31.50 | | |
| Maximum speed (rpm) | 4500 | | | 4500 | | | 4000 | | | 4000 | | |
| Spindle nose | ASA 6" A2 | | | ASA 6" A2 | | | ASA 6" A2 | | | ASA 6" A2 | | |
| Chuck diameter (in) | 6.89 / 8.27 | | | 6.89 / 8.27 | | | 8.27 | | | 8.27 | | |
| Maximum bar diameter (in) | 2.05 | | | 2.05 | | | 2.60 | | | 2.60 | | |
| Spindle power (HP) (max./S2 25%/ S1) | 47.6 / 38 / 31.5 | | | 47.6 / 38 / 31.5 | | | 47.6 / 38 / 31.5 | | | 47.6 / 38 / 31.5 | | |
| Turning torque (lb.ft) (max./S3 25%/ S1) | 151.2 / 132.8 / 110.6 | | | 151.2 / 132.8 / 110.6 | | | 151.2 / 132.8 / 110.6 | | | 151.2 / 132.8 / 110.6 | | |
| TURRET | | | | | | | | | | | | |
| Number of positions | 12 | | | 12 | | | 12 | | | 12 | | |
| Number of index positions | 24 | | | 24 | | | 24 | | | 24 | | |
| DRIVEN TOOLS | | | | | | | | | | | | |
| Turning speed (rpm) | - | 12000 | | - | 12000 | | - | 12000 | | - | 12000 | |
| Power (HP) (max./S1) | - | 18.8 / 13.4 | | - | 18.8 / 13.4 | | - | 18.8 / 13.4 | | - | 18.8 / 13.4 | |
| Maximum torque (lb.ft) (max./S1) | - | 31 / 23.6 | | - | 31 / 23.6 | | - | 31 / 23.6 | | - | 31 / 23.6 | |
| WEIGHT | | | | | | | | | | | | |
| Total weight (lb) | 24251 | | | 24251 | | | 24251 | | | 24251 | | |

(*) Approximate weights.

Due to constant development of our products all specifications given here in are subject to change without notice.

VOLAR SERIES

TTL-52 / TTL-66 MODEL

MACHINE WITHOUT BELTS

2 TURRETS
3 TOOLS

12,000 RPM / 14 kW / 42 Nm



TTL-GL20II MODEL

GANTRY ROBOTS
FOR BILLETS
AND SHAFTS



3 TOOLS IN-THE-CUT