



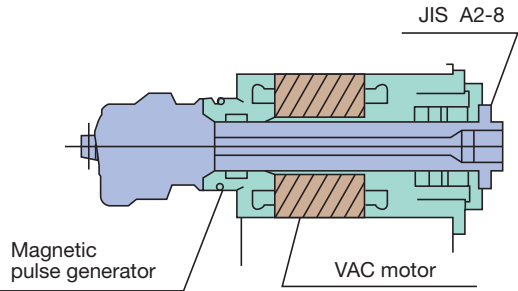
CNC Lathe for Aluminum Wheels

LAW-2S

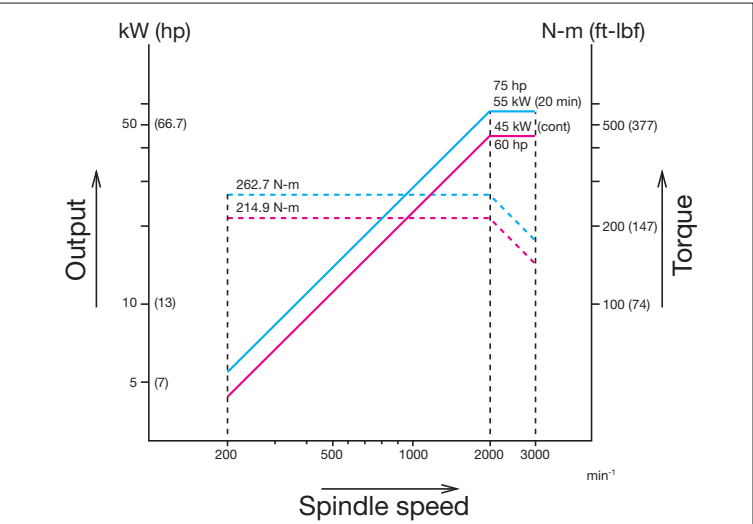
The WHEEL MASTER
Meet the spearhead for small/medium batch applications to mass production

■ **Special headstock with VAC integral motor/spindle provides superb accuracy, needs little maintenance**

- Gears and belts eliminated from the headstock; street-sides get super clean
- Integrated motor/spindle means less work to clean out invader chips



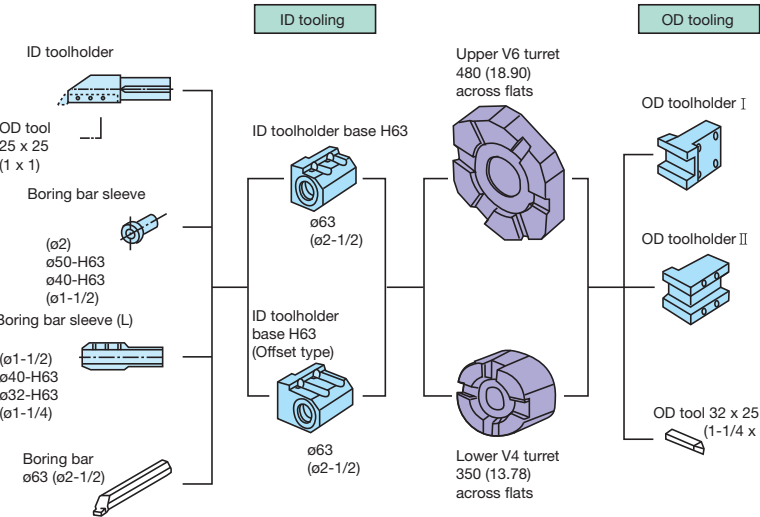
■ **Spindle power/torque diagram**



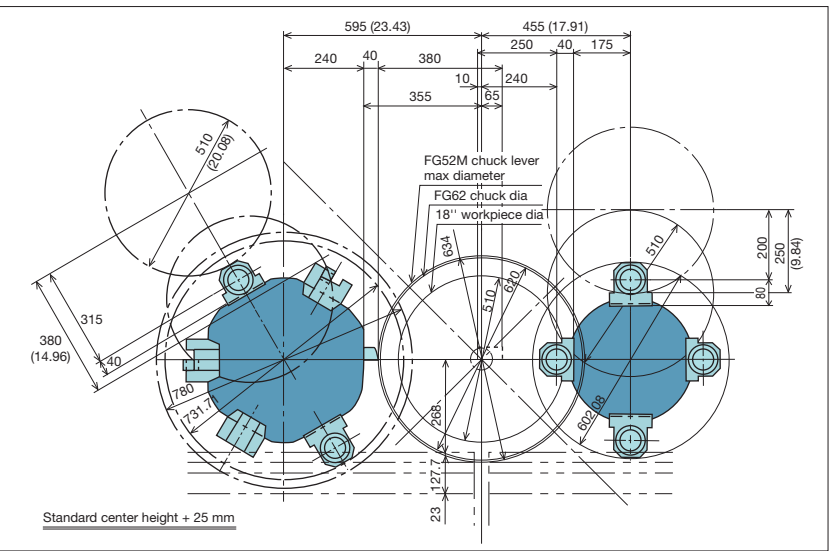
Customized for the 20-inch wheels (and hot 4-wheelers)!
A high-performance 4-axis CNC lathe—with exceptional speed and quality



■ **Tooling System**



■ **Tool Interference Diagram**



Fast

- Integrated motor/spindle Max 3,000 min⁻¹
VAC 55/45 kW (75/60 hp)
- Spindle start/stop 3.5 sec (with finger chuck)
- Rapid traverse X: 15 (591), Z: 20 m/min (787 ipm)
- NC turret indexing 0.4 sec/station (upper/lower turrets)

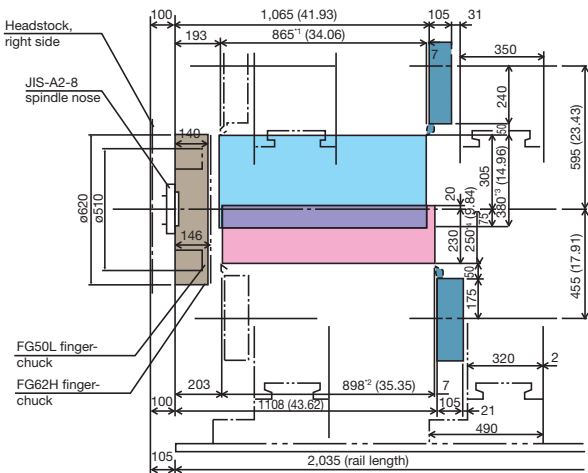
Accurate and rigid

- Thermally balanced bed construction
- Spindle centerline narrow guides, pre-tensioned ball-screw (X axis std)

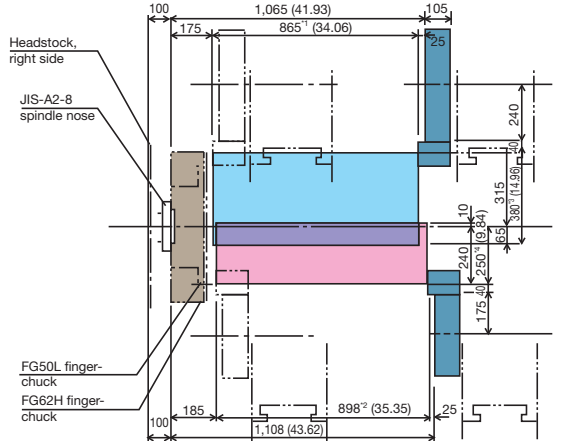
Advanced chip discharge engineering

- Large-capacity coolant system . . 600-L (159-gal) tank, two 0.8 kW (1.1 hp) motors, in-machine chip flushing
- 1-sheet saddle cover
- Cylindrical ducts

■ **Working Range**
Turret direct mount



ID toolholder base



*1. Upper Z-axis travel
*2. Lower Z-axis travel
*3. Upper X-axis travel
*4. Lower X-axis travel

