Grinding Length
Max. 1640 mm
(with center distance max. 1700 mm)

Grinding Diameter
Max. 500 mm

Control
Fanuc or Siemens

Universal wheelhead configurations up to 4 wheels (OD & ID Grinding Spindles)

Software for Form Grinding (unround, hexagon, Square etc.), thread grinding, profile dressing or contour grinding
Wheel Unit

- Manual or automatic (B-axis) swiveling
- Wheel positioning at 0.001° on digital display (manual)
- 0.0001° for B axis resolution (automatic wheel swiveling)
- Tacchella’s Quick-Clamp (patent) posilock/release system
- Wheelspindles with integrated drive motors
- Gap eliminator integrated in the spindle nose
- Dynamics wheel balancing device integrated in the spindle nose for 1 wheel or 2 wheels
- In process gauging device
Wheel Unit

Wheel Unit for U and UA model

- Modular configuration
- External double end spindle-motor (U/UA model) for LR wheels
- Universal motor spindle unit for internal grinding (U/UA model)
- Adjustable wheel peripheral speed

Wheel unit for UA plus

U – Manual swivel
UA – Automatic swivel
Applications

- Large choice of pre-set cycles
- Use of different wheels for working in one clamping situation
- Taper grinding on the generating line and on spherical surfaces
- Thread, regular polygons and non-round surfaces grinding