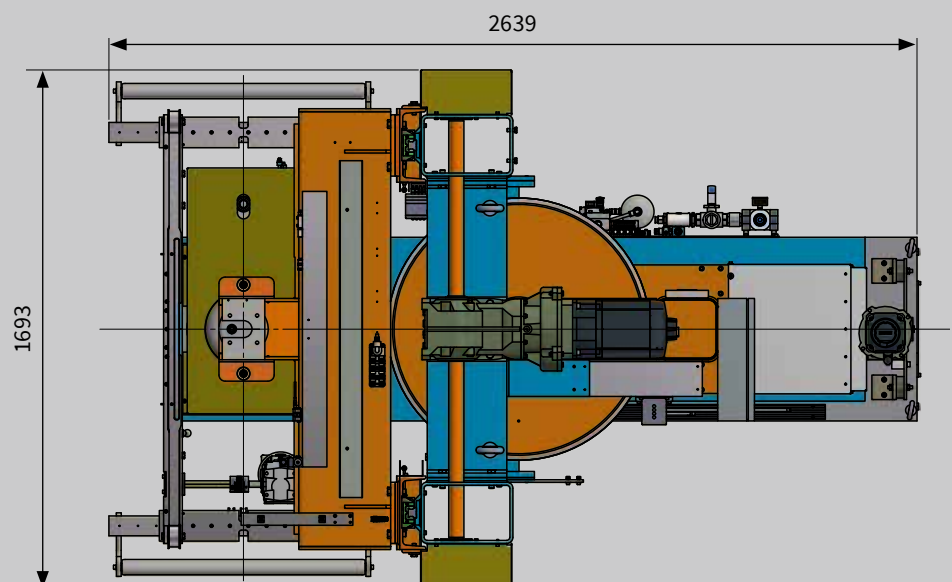




What matters

- Customer choice between Uniformity and integrated machines for Uniformity & Geometry
- Collet chuck with high clamping range for center hole diameters from 54 – 87 mm
- High availability due to large maintenance intervals
- Geometry measurement during uniformity measurement
- Patented process reduces the influence of the change in direction of rotation
- Very compact design leads to the smallest possible footprint for a Uniformity Machine
- Conicity correction is done on system level which saves time
- Possibility to check the inflation of the wheel during during uniformity measurement
- Energy recovery reduces the consumption of electrical energy

Footprint



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Machine data

Load wheel diameter	854 mm
Load wheel width coated	406,4 mm
Center hole clamping range	54 – 87 mm
Machine height	2.360 mm

Wheel data

	Min	Max
Outer diameter	476 mm	950 mm
Tire wheel assembly width	127 mm	400 mm
Tire wheel assembly weight	5 kg	50 kg

Technical Specifications for Uniformity

Cycle time 1 rotating direction	12 s
Cycle time 2 rotating directions	16 s
Measurement speed	60 / min
Cycle time with simultaneous geometry measurement	No impact
Repeatability radial/lateral force	2,5 N
Maximum load	12 kN
Measurement range lateral	+/- 9 kNc

Special uniformity analyses

EFRR	Effective Rolling Radius
TOURRAD	Touch Radius
SPRAT	Spring rate
LAP	Load Application Point
TF	Tangential Forces
WAP	Wheel Air Pressure

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