

Tire Uniformity Machine PTU-E

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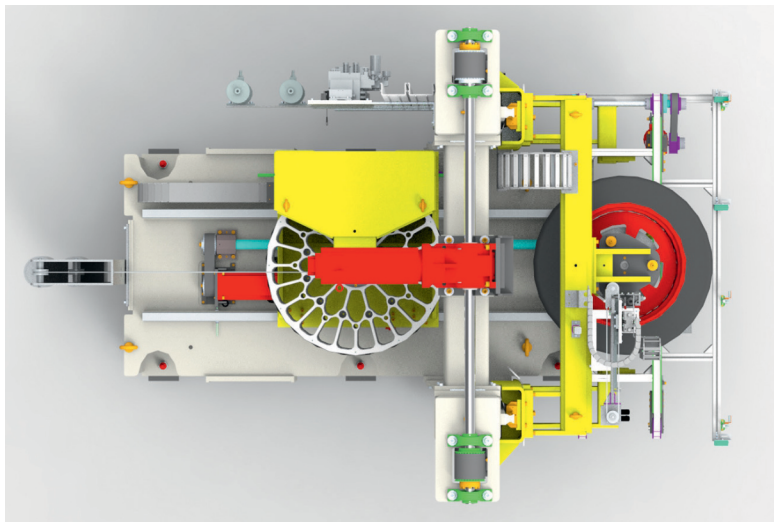
Purpose of the machine: The automatic SEIB Uniformity Machine for Tires and/or Tire/Wheel Assemblies allows a comprehensive quality evaluation.

Range: P/Cup to light truck dimensions.

Function: Precise, short cycle time, wide range of analysis.

Design: Welded machine frame for quality control purposes. Electrical system as PLC; Industrial Computer for evaluation, display and processing of the measured results, capable for network.

Options: e.g. Run out detection and Machine concept is prepared to extend to two measuring stations (double station).



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Tire Uniformity Maschine PTU-EPKW



technical data	min	max	specifications	min	max
tire outside diameter	21in	37in	Reifen Außen Durchmesser	500mm	950mm
tire beaddiameter	14in	24in	Reifen Innen Durchmesser	14in	24in
rimwidth	4in	12in	Felgenbreite	4in	12in
off set (ET)		100mm	Einpresstiefe		100mm
spindle speed		60RPM	Rad Drehzahl		60U/min
approx Number of Rotations per measuring run		3	Anzahl Umdrehungen pro Messlauf ca.		3
tire loading max radial force		10000N	Anpresskraft max (Vorlast)		10000N
radial force variation		500N	Messbereich Radialkraft schwankung		500N
lateral force variation		500N	Messbereich Lateralkraft schwankung		500N
lateral force		1000N	laterale Kraft		1000N
conicity		500N	Konus Effekt		500N
ply steer		500N	Winkel Effekt		500N
radial force variation 1. harmonic		500N	Radialkraftschwankung 1. Harmonische		500N
lateral force variation 1. harmonic		500N	Lateralkraftschwankung 1. Harmonische		500N
repeatability standard variation 1S		2,5N	Reproduzier -/Standardabweichung 1S		2,5N
tyre weight		150lbs	Reifen/Radgewicht		68kg
treadwidth		12in	Laufflächenbreite		320mm
load wheel diameter		33,6in	Lastrad Aussendurchmesser		854mm
load wheel width		16in	Lastradbreite		400mm
machine specific cycle time (single direction run) depending on tire characteristics, load and test parameters		15sec	Maschinenzeit (eine Drehrichtung) abhängig von Reifeneigenschaften, Vorlast und Testbedingungen		15sec
machine specific cycle time (double direction runs) depending on tire characteristics, load and test parameters		22sec	Maschinenzeit (zwei Drehrichtungen) abhängig von Reifeneigenschaften, Vorlast und Testbedingungen		22sec
connecting power		40kVA	Anschlussleistung		40kVA
air consumption		40Nmyh	Luftverbrauch		40Nmyh



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