

AUTOP STENHOJ

3. Technical data

3.1 Identification:

- The complete equipment of the brake test bed is identified through a type plate on the electrical/control box, with the following information:
- Manufacturer - Type and version - Serial number - Year of construction - Power in kW - Power supply in V and ACNPE - Current draw in A
- Furthermore, each assembly (roller set, display, etc.) is furnished with its own type plate with serial number

3.2 Complete system

Permissible humidity		Up to 85 %
Operating temperature		-10° to +60°
Zero-point compensation with operational readiness		Every 2 minutes

3.3 Control cabinet

Voltage supply		3 x 400 V (AC)
Permissible nominal voltage fluctuations		± 10 %
Supply line fuses	3 x 32 Amp slow-blow	5 x 6 mm ²

3.4 Roller sets

Version	RT130-2	RT138-2	RT180-2	RT187-2
Two-part frame (each) WxLxD	1200x1045x545 mm			1,390 x 1,145 x 554
Weight (each) ca. kg	420	420	460	460
Roller length	1000 mm			1150
Roller diameter	205 mm		268 mm	
Sensing roller diameter	50 mm			80
Test width variable	x	x	x	x
Roller centre distance mm	420	420	440	465
Test speed (2. Test speed – optionally)	2.6 km/h (5,2 km/h)			
Coefficient of friction dry / wet	0.9 / 0.7			
Measuring system, bending beam with strain gauge	Strain gauge			
Noise emissions LWA	<70 dB (A)			
Welded-on roller surface (L1)	Welding rod			
Option: Plastic roller surface (L2)	Granulate coating			
Testable axle load kg	12,000	15,000	14,000	14,000
Perm. drive-on axle load, max. kg	13,000	18,000	18,000	18,000
Nominal power of the drive motors kW	2 x 7,5	2 x 9	2 x 9	2 x 9
Max. braking power kN	32	36	34	34
Engine connection cable	4 x 2.5 mm ²	x	x	x

3.4.1 Optional more powerful drive motors

Testable axle load kg	-	16,000	16,000	16,000 / 18,000
Nominal power of the drive motors kW	-	2 x 11	2 x 11	2 x 11 / 2 x 15
Max. braking power kN	-	38	40	42 / 44
Fuse A	-	50	50	50
Supply line	-	5x10mm ²	5x10mm ²	5x10mm ²

