

Rosand RH7/RH10	
Maximum force	<ul style="list-style-type: none"> <li>▪ RH7: 50 kN</li> <li>▪ RH10: 100 kN</li> </ul>
Frame stiffness	250 kN
Maximum speed	<ul style="list-style-type: none"> <li>▪ RH7: 600 mm/min</li> <li>▪ RH10: 1200 mm/min</li> </ul>
Dynamic range in speed	240,000:1
Speed uncertainty	< 0.1 %
Temperature range	Ambient to 400°C (500°C optional) 5°C to 200°C (low temperature cooling coil option)
Temperature control	< ± 0.1°C
Bore diameter	15 mm standard (9.5, 12, 19 and 24 mm bore options)
Barrel bore length	290 mm
Barrel material	Nitrided steel standard (Hastelloy or stainless steel options)
Pressure transducer ranges	30000, 20000, 10000, 5000, 1500 or 500 psi
Pressure transducer accuracy	< 0.5 %
Dies	Tungsten carbide, precision ± 5 µm
Die diameter	0.5 to 2 mm (in 0.5 mm increments) and 3 mm standard (other diameters, including fine bore dies, available to special order)
Height	2.45 m
Width	0.7 m (without accessories)
Depth	0.58 m (without accessories)
Weight	350 kg (without accessories)