



SNUBBER TEST EQUIPMENT

**Barker/ Diacon S2000NM Snubber Test System
130 kip Test Bench Standard Specifications**

Standard Capacities/Performance

Maximum Load (activation testing)	130000	lbf	572	kN
Minimum Load (activation testing)	10000	lbf	44	kN
Minimum Pin to Pin dimension	3	inches	76	mm
Maximum Pin to Pin dimension	48	inches	1219	mm
Maximum stroke length	12	inches	305	mm
Drag speed range	1-5	ipm	0.5-2.0	mm/sec
Lockup rate range	1-60	ipm	0.5-25.0	mm/sec
Bleed rate range	1-60	ipm	0.5-25.0	mm/sec
Maximum Acceleration	.035	g		

Pins/Bushings Included

1.000	inches	Metric Sizes on request
1.250	inches	Metric Sizes on request
1.500	inches	Metric Sizes on request
1.750	inches	Metric Sizes on request
2.000	inches	Metric Sizes on request
2.250	inches	Metric Sizes on request
2.500	inches	Metric Sizes on request

Instrumentation Accuracies

Load	+/- 0.5	% of LC span
Velocity	+/- 0.5	ipm
Position	+/-0.1	inch
Data Conversion	16 bit	

Power Requirement

Power supplied from HPU/Control Console

Interconnect Hoses/Cables

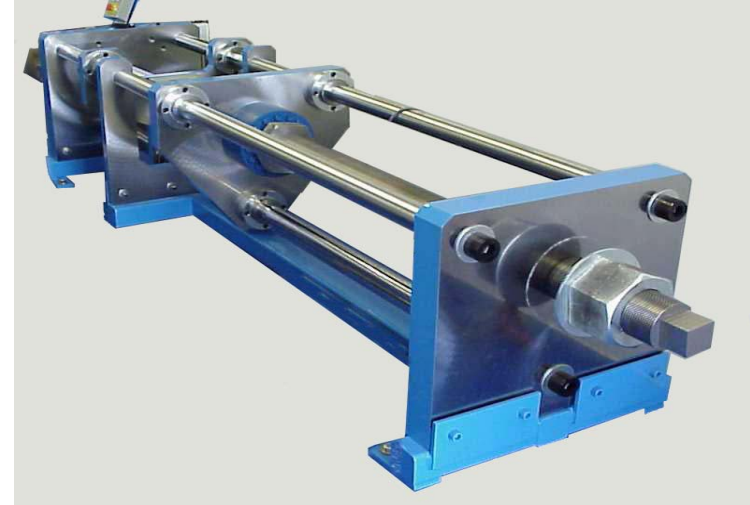
Hoses	25	Feet	JIC hose connections
Electrical Cables	25	Feet	Quick connects one end

Overall Maximum Size/Weight (aprox)

Length	154	inches	391	cm
Width	48	inches	122	cm
Height	42	inches	107	cm
Weight	3600	lb	1634	kg

Shipping Crate/Weight (aprox)

Length	166	inches	422	cm
Width	60	inches	152	cm
Height	54	inches	137	cm
Weight	3800	lb	1725	kg



130 kip Test Frame