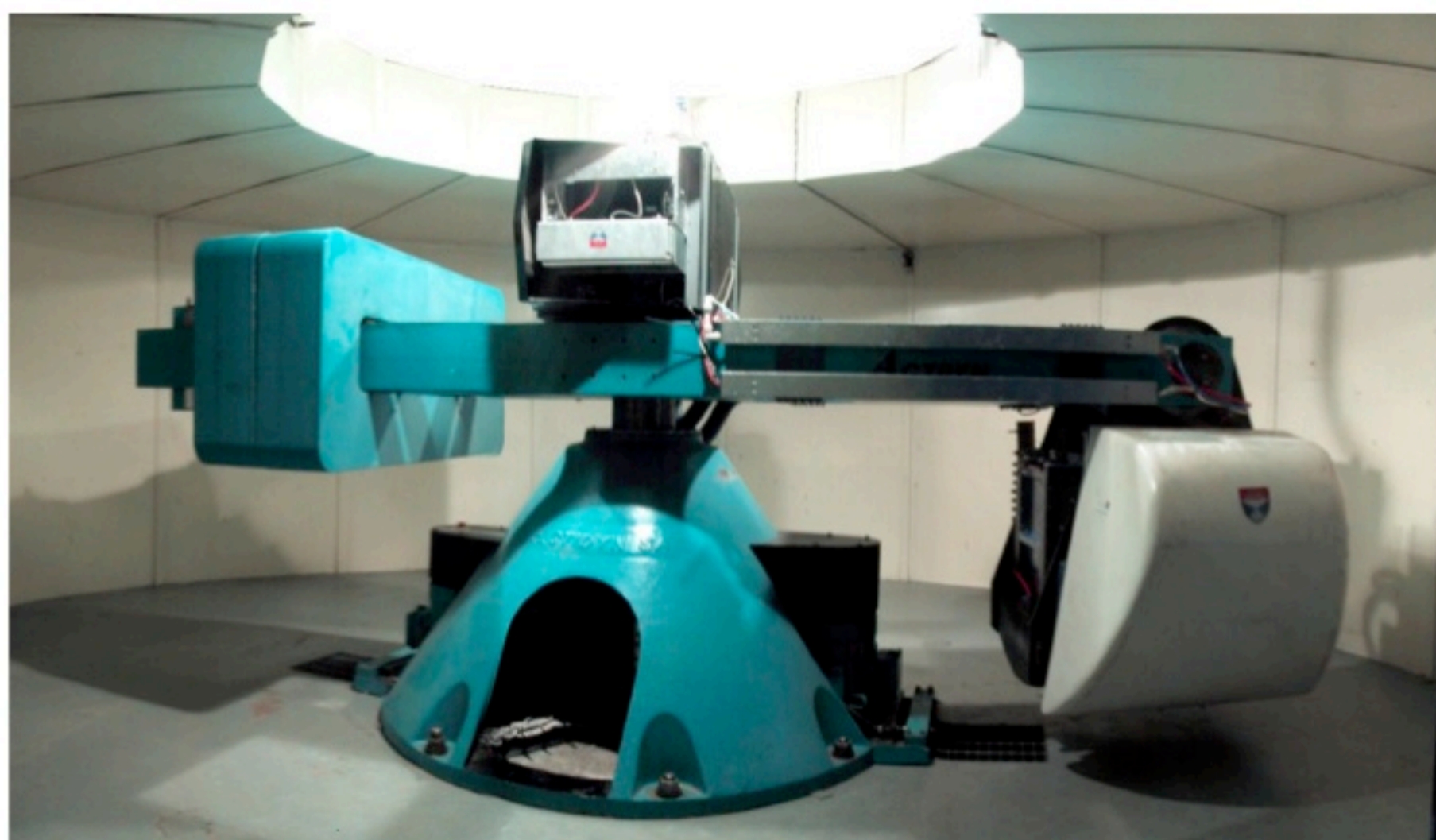


MODEL C67-2

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- * **3 meters platform radius**
- * **0.8 x 1m experiment platform**
- * **1500 kg at 100 g's ; 130 g's, 500 kg**
- * **Electrical and optical passages**
- * **Hydraulic rotary joints and power rings**
- * **Automatic balancing**
- * **Quake Simulator and data acquisition system**

MODEL C67-2

Dimensional data

Platform radius	3	m
Nominal radius	2.7	m
Platform width	0.8	m
Platform depth	1	m
Container height	0.8	m
Maximum usable height	1.5	m

Performances

Payload mass (maxi.)	1500	kg
Acceleration at maximum payload	100	g
Payload mass at max. acceleration	850	kg
Acceleration range	5 to 130	g
Acceleration accuracy	+/- 0.2	g
Vibration at platform (maxi.)	0.3	g _{RMS}
Maximum operating imbalance	+/- 40	kN

Power plant

Installed power	160	kVA
Motor speed range	340 to 1800	Rpm
Transmission ratio	9/1	
Centrifuge boom rate	38 to 208	Rpm
Power consumption at 100 g's	60	kW
Power consumption at 130 g's	100	kW
Mains supply	380 / 410	V

Power rings

Current rating	50	A
Line voltage	410	V _{RMS}
Number of lines	4	

Signal slip rings

Current rating	1	A
Operating voltage DC	110	V
Noise	10	mΩ _{RMS}
Quantity	up to 80	
Frequency	DC to 10	MHz

Optical rotary joint

Number of passages	2	
Optical coupling Ethernet or Intranet	1	
Transmission rate	100	MHz

Hydraulic rotary joint

Number of passages (maxi.)	6	
Pressure rating	10 to 200	bars
Flow	10 to 150	l/min
Fluid temperature	10 to 50	°C

Automatic balancing

Balancing range	20	kN
Balancing resolution	+/- 1	kN
Balancing time	30	s