

Specifications

EBK-38

Dyna Pro[®]

Dynamometers

Redefining Industry Standards

Dynamometers & Accessories (EU Specification)

Dyna Pro EBK-38 Kart Engine Dynamometer



EBK-38 shown with optional Floor Stand.



Designed and Manufactured in the UK

General Technical Specifications

Maximum Power Dynamic	50 hp	Speed Encoder System	Digital
Drum Material	Steel	Data Acquisition System	Digital High Speed USB
Total System Inertia	3.8 Kg/m ²		
Loading Type	Inertia Only	Length	115.0 cm (45.3")
		Width	70.0 cm (27.56")
Weight (Un-Crated Machine Only)	420 Kg (924 lbs) (Approx.)	Height (Including Floor Stand)*	135.0 cm (53.14")
Timing Accuracy	50 nano seconds		
Speed Accuracy	0.01 mph	Supply Voltage	90 - 240 Volts ac 50/60 Hz
RPM Accuracy	0.1 rpm	Maximum Supply Current	1 Amps
Calibration	Factory Calibrated	Air Consumption	<1 CFM (120 psi Max)

*Including Floor Stand

**Dynamometer not supplied with chain, sprocket or carrier

Standard Hardware Features

- Dyna Run V3 Advanced Windows Software (Software Upgrades Free for life).
- Dynamometer to PC USB Link
- Air Brake System.
- 12 Auxiliary 0-5 Volt Data Acquisition Inputs, for connection to additional sensors.
- Machine Construction from 3 & 5mm Precision Laser Cut steel, powder coated finish, Blue & Yellow.
- Designed and Manufactured in the UK
- 1/2 Day Training (at Dyna Pro Works)
- 1 Year replacement parts warranty.(excluding consumables)

Optional Accessories

- Cooling Fans (High Speed, High Pressure).
- Intelligent Ignition Pick-up™ (Primary and Secondary)
- Wideband Air Fuel System. (Single Channel, Double Channel and Quad channel).
- Weather Station (Temperature, Humidity, Pressure & Relative Air Density).
- Optional Floor Stand.
- 4 Channel Type K Thermocouple Unit.
- Infrared Temperature monitor (up to 500°C).

Specifications are correct at time of print, manufacturer's specification subject to change without notice.

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