

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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Dyna Pro Dynamometers Ltd

Unit 18, Sherrington Way, Lister Road Industrial Estate, Basingstoke, Hampshire, UK. RG22 4DQ

Tel: + 44 (0) 8000 4321 68

Fax: + 44 (0) 208 751 8695

www.dynapro.co.uk

E-mail: info@dynapro.co.uk