

# Specifications

## T62 Bike, Kart & ATV

# Dyna Pro<sup>®</sup>

Dynamometers

Redefining Industry Standards

## Dynamometers & Accessories (EU Specification)

### Dyna Pro T62 Chassis Dynamometer



Designed and Manufactured in the UK

General Technical Specifications			
Maximum Power (Dynamic)	600 hp	Vehicle Type	Bike, Kart, ATV
Maximum Torque	500 ft/lb	Loading Type	Inertia
Maximum Rear Wheel Speed	200 mph	Minimum Rear Track	60.4 cm (23.78")
Modeled Mass	254 Kg (559 lbs)	Maximum Rear Track	150.0 cm (59.05")
Drive Roller Diameter	45.3 cm (17.83")	Speed Encoder System	Digital
Drive Roller Width	45.0 cm (17.71")	Ignition Pick-up	Digital (Intelligent Pri, & Sec)
Drive Roller Inertia	13.0 Kg/m <sup>2</sup>	Data Acquisition System	Digital High Speed USB
Drive Roller Surface	Knurled (Anti-Corrosion Zinc)	Length (Without Ramp)	270.4 cm (106.46")
		Width	209.6 cm (82.52")
Maximum Bike Length	239.6 cm (94.33")	Height (Deck)	44.9 cm (17.68")
Minimum Bike Length	120.6 cm (47.48")	Height (Overall)	88.4 cm (34.80")
Timing Accuracy	50 nano seconds	Weight (Un-Crated)	1100 Kg (2420 lbs) (Approx.)
Speed Accuracy	0.01 mph	Supply Voltage	190 - 240 Volts ac 50/60 Hz
RPM Accuracy	0.1 rpm	Maximum Supply Current	20 Amps
Calibration	Factory Calibrated	Air Consumption	<1 CFM (120 psi Max)

### Standard Hardware Features

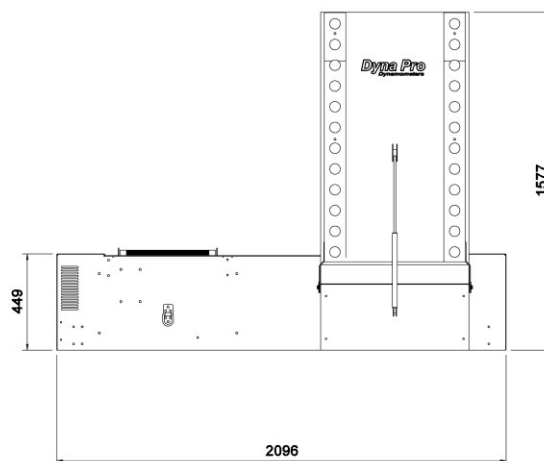
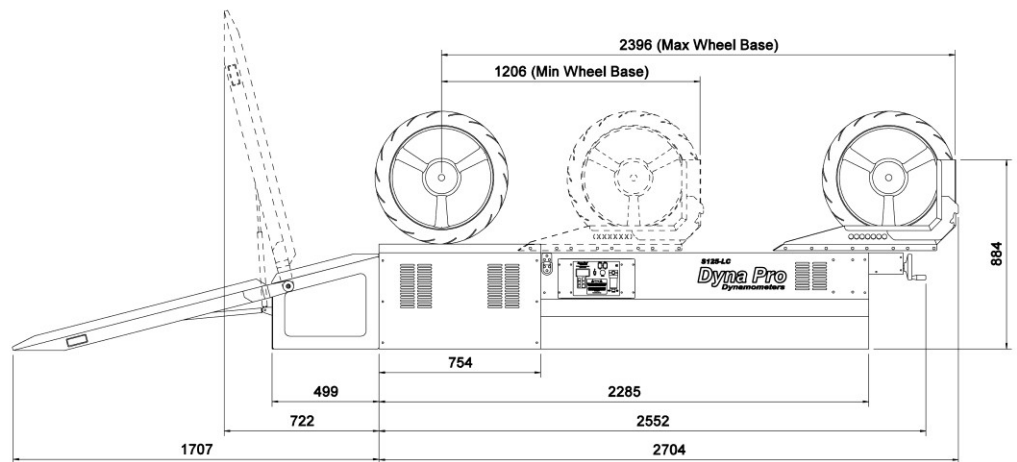
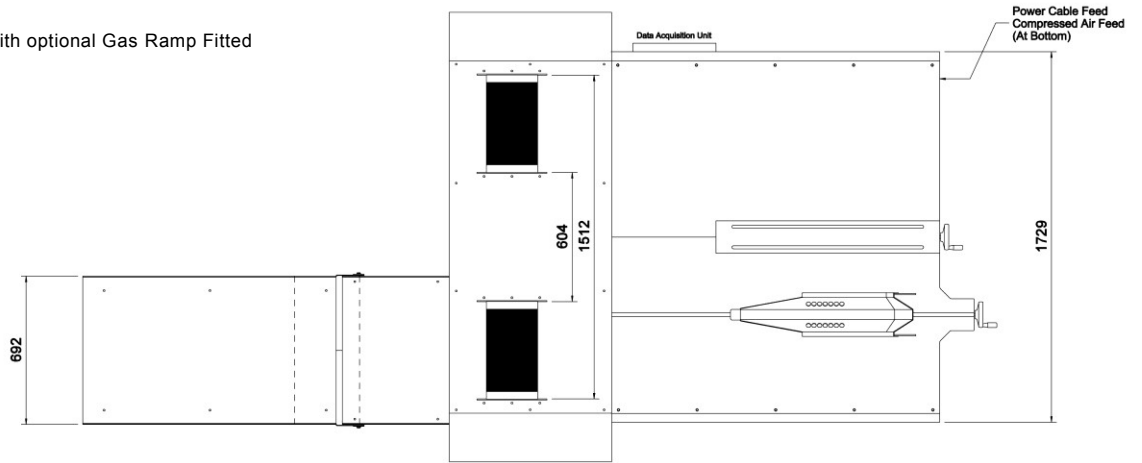
- Dyna Run V3 Advanced Windows Software (Software Upgrades Free for life).
- Dynamometer to PC USB Link
- Multi Function Remote Hand Controller.
- Intelligent Ignition Pick-up™ system fitted as standard. (Primary and Secondary)
- Starter System fitted as standard (Also used to calibrate Dynamometer).
- Air Brake System (With emergency lock-down in the event of power failure.)
- 12 Auxiliary 0-5 Volt Data Acquisition Inputs, for connection to additional sensors.
- Machine Construction from 3, 5 & 10mm Precision Laser Cut steel, powder coated finish, Blue & Yellow.
- Designed and Manufactured in the UK
- 1 Day Training (at Dyna Pro Works)
- 2 Year replacement parts warranty.(excluding consumables)

### Optional Accessories

- Twin Cooling Fans System (High Speed, High Pressure - Operated from Hand Control Pendant). \*\*\*
- Wideband Air Fuel System. (Single Channel, Double Channel and Quad channel). \*\*\*
- Weather Station (Temperature, Humidity, Pressure & Relative Air Density). \*\*\*
- Gas assisted Loading Ramp. \*\*\*
- Keyboard Monitor Shelf. \*\*\*
- 4 Channel Type K Thermocouple Unit.
- Eddy Brake Load Controller (Allows Static and Dynamic control).
- Ram Air simulation System (Calibrated to road speed).
- Infrared Temperature monitor (up to 500°C).
- Exhaust Extraction Kit.
- Exhaust Arms.
- Carbide Drive Roller Coating.

## Dimensions & Clearance

\*Dynamometer show with optional Gas Ramp Fitted



### Electrical

190-240V ac Single Phase  
 Max Current 20 Amps  
 Fuse at 32 Amps  
 6mm<sup>2</sup> Minimum Cable size recommended

### Air Supply

90 to 120 PSI  
 Smaller than 1CFM

Items shown \*\*\*\* above come as standard with the show package deal.

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 (UK): 08000 4321 68

Tel (Int.): +44 (0)1256 363063

[www.dynapro.co.uk](http://www.dynapro.co.uk)

E-mail: [info@dynapro.co.uk](mailto:info@dynapro.co.uk)