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AUTOMOTIVE DYNAMOMETERS - POWERSPORTS DYNAMOMETERS

ACCESSORIES | HARDWARE | SOFTWARE AND TUNING



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MODEL 224x CHASSIS DYNAMOMETER

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The Dynojet Automotive Model 224x Dynamometer features a 24in knurled, precision balanced drum. The large drum diameter provides a virtually flat, stable surface for tire contact, eliminating unnecessary slippage and tire deformation. The result is precise, repeatable results every time.

The Model 224x is rated at 2000+ hp, 2000 ft/lbs torque and up to 200 mph making it perfect for diagnosing engine and driveline problems, tuning, and repair on most street driven vehicles.

SHOWN WITH OPTIONAL ABOVE GROUND KIT

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SPECIFICATIONS

| MAXIMUM HORSEPOWER/TORQUE | 2000+ HP/2000+ FT. LBS |
|---------------------------|------------------------|
| MAXIMUM SPEED | 200 MPH/322 KPH |
| WHEELBASE MINIMUM | N/A |
| WHEELBASE MAXIMUM | N/A |
| DRUMS | A TANK |
| DRUM DIAMETER | 24 IN/61 CM |
| DRUM WIDTH | 81 IN/205 CM |
| MAXIMUM AXLE WEIGHT | 3000 LBS/1361 KG |
| AIR REQUIREMENTS | 100 PSI |
| OPERATING TEMP RANGE | 32 TO 158 F/O TO 70 C |
| TIMING ACCURACY | +/-1 MICROSECOND |
| DRUM SPEED ACCURACY | +/-1/100TH MPH |
| RPM ACCURACY | +/-1/10TH RPM |
| | |

120 VOLT, 15AMP, & SINGLE PHASE



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POWER REQUIREMENTS

MEASURES UP TO 2,000+ HP / TORQUE

POWERCORE SOFTWARE SUITE WITH

WINPEP 8 TO INTERFACE (PC, PRINTER, ETC.

DYNOWARE RT DYNAMOMETER ELECTRONICS

AND UP TO 200 MPH

NOT INCLUDED

AND HARDWARE

TOLL FREE 1-800-992-3525

FEATURES

AIR ACTUATED BRAKE SYSTEM

CONFIGURATIONS AVAILABLE

UPGRADABLE TO 224xLC, 224xLC², 424x, 424xLC

PIT OR ABOVE GROUND

and 424xLC².

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MODEL 224xLC LOAD CONTROL DYNAMOMETER

THE DYNOJET LOAD CONTROL SYSTEM IS DESIGNED FOR EASE OF USE, ALLOWING YOU TO SPEND MORE TIME TUNING VEHICLES, AS OPPOSED TO TUNING YOUR DYNO.

The highly versatile Model 224xLC is the perfect choice for modern EFI Tuning Shops. Based on the 224x dyno, the 224xLC offers the simplicity and ease of use of an inertia only dyno, along with advanced testing capabilities of a Eddy Current load style dyno. Perform A-to-B comparison tests to quantify gains from various performance products, or enable the load control feature to perform step, sweep, or road load simulations.

FOR MORE INFO VISIT: WWW.DYNOJET.COM

FEATURES

- MEASURES 2,000 + HP / TORQUE AND UP TO 200MPH
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 TO INTERFACE (PC, PRINTER, ETC. NOT INCLUDED)
- DYNOWARE RT DYNAMOMETER ELECTRONICS AND HARDWARE

- EDDY CURRENT LOAD ABSORPTION UNIT TO PERFORM LOADED TESTS, INCLUDING STEP, SWEEP, AND ROAD LOAD SIMULATIONS
- PIT OR ABOVE GROUND
 CONFIGURATIONS AVAILABLE
- UPGRADABLE TO 224xLC², 424xLC and 424xLC².

SPECIFICATIONS

| AXIMUM HORSEPOWER/TORQUE | 2000+ HP/2000+ FT. LBS |
|--------------------------|---------------------------|
| AXIMUM SPEED | 200 MPH/322 KPH |
| HEELBASE MINIMUM | N/A |
| HEELBASE MAXIMUM | N/A |
| RUMS | 1 1 |
| RUM DIAMETER | 24 IN/61 CM |
| RUM WIDTH | 81 IN/205 CM |
| AXIMUM AXLE WEIGHT | 3000 LBS/1361 KG PER AXLE |
| R REQUIREMENTS | 100 PSI |
| PERATING TEMP RANGE | 32 TO 158 F/O TO 70 C |
| MING ACCURACY | +/-1 MICROSECOND |
| RUM SPEED ACCURACY | +/-1/100TH MPH |
| PM ACCURACY | +/-1/10TH RPM |
| | |

POWER REQUIREMENTS

120 VOLT, 15AMP, SINGLE PHASE AND 240 VOLT, 30AMP, SINGLE PHASE

EDDY CURRENT LOAD ABSORPTION UNIT



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MODEL 424x AWD CHASSIS DYNAMOMETER

The Model 424x is comprised of two industry standard 224x dyno base units. Horsepower and torque are measured at each drum and can be displayed and/or logged either independently or combined. This feature allows you to assess the vehicle's power split, and can also aid in troubleshooting drivetrain issues. The 424x is designed to grow with you as your testing needs expand in the future.

Dynojet's AWD dynos can accommodate up to a 140in wheelbase with just the touch of a button. Whether you are troubleshooting a 4-wheel drive pickup or tuning an all wheel drive vehicle, this is a system you should seriously consider.

YOU CAN EASILY UPGRADE AT ANY Point with dual eddy current Load Absorption Units And/or The 424 Linx System

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FEATURES

TOLL FREE 1-800-992-3525

- MEASURES 2,000+ HP / TORQUE AND UP TO 200MPH
- TESTS VEHICLES IN EITHER TWO-WHEEL OR ALL-WHEEL DRIVE MODES, BI-DIRECTIONAL ROTATION
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 TO INTERFACE (PC, PRINTER, ETC. NOT INCLUDED)
- DYNOWARE RT DYNAMOMETER ELECTRONICS AND HARDWARE

- AIR ACTUATED BRAKE SYSTEM
- ELECTRONICALLY CONTROLLED WHEELBASE ADJUSTMENT FROM (STANDARD 88 IN - 130 IN OR OPTIONAL 98 IN - 140 IN)
- PIT OR ABOVE-GROUND
 CONFIGURATIONS AVAILABLE
- UPGRADABLE TO 424xLC and 424xLC².

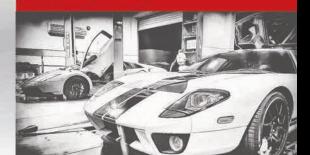
SPECIFICATIONS

MAXIMUM HORSEPOWER/TORQUE 2000+ HP/2000+ FT, LBS MAXIMUM SPEED 200 MPH/322 KPH DRUM ADJUSTABLE WHEELBASE FROM STANDARD 88 IN/224 CM TO 130 IN/330 CM OPTIONAL 98 IN/249 CM TO 140 IN/356 CM DRUMS DRUM DIAMETER 24 IN/61 CM DRUM WIDTH 81 IN/205 CM MAXIMUM AXLE WEIGHT 3000 LBS/1361 KG PER AXLE AIR REQUIREMENTS 100 PSI 32 TO 158 F/0 TO 70 C OPERATING TEMP RANGE TIMING ACCURACY +/-1 MICROSECOND DRUM SPEED ACCURACY +/-1/100TH MPH RPM ACCURACY +/-1/10TH RPM

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POWER REQUIREMENTS

120 VOLT, 15AMP, & SINGLE PHASE





MODEL 424xLC² DUAL LOAD CONTROL DYNAMOMETER

The 424xLC² is a versatile AWD chassis dyno that offers unparalleled features. At any time you can operate the dyno in inertia only mode for assessing gains from bolt-on modifications or utilize the dual eddy current absorbers for advanced load testing. The wheelbase is adjustable with the touch of a button and can handle all popular AWD vehicles on the road today.

Along with offering the precise control from the eddy current load absorption units, the system also eliminates any potential speed bias between the two drums with Speed Balance Technology. You can also easily upgrade to the 424 LINX System at any time for a complete, all-in-one testing solution.

YOU CAN EASILY UPGRADE AT ANY POINT WITHTHE 424 LINX SYSTEM

SHOWN WITH OPTIONAL ABOVE GROUND KIT





FEATURES

- MEASURES 2,000+ HP / TORQUE AND UP TO 200MPH
- TESTS VEHICLES IN EITHER TWO-WHEEL OR ALL-WHEEL DRIVE MODES, BI-DIRECTIONAL ROTATION
- TWO EDDY CURRENT LOAD ABSORPTION UNITS FOR PERFORMING LOADED TESTS, INCLUDING STEP, SWEEP, AND ROAD LOAD SIMULATIONS
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 TO INTERFACE (PC, PRINTER, ETC. NOT INCLUDED)

- DYNOWARE RT DYNAMOMETER ELECTRONICS AND HARDWARE
- ELECTRONICALLY CONTROLLED WHEELBASE ADJUSTMENT FROM (STANDARD 88 IN - 130 IN OR OPTIONAL 98 IN - 140 IN)
- PIT OR ABOVE-GROUND CONFIGURATIONS AVAILABLE

SPECIFICATIONS

MAXIMUM HORSEPOWER/TOROUE 2000+ HP/2000+ FT. LBS MAXIMUM SPEED 200 MPH/322 KPH

DRUM ADJUSTABLE WHEELBASE FROM

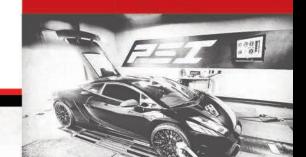
STANDARD OPTIONAL DRUMS DRUM DIAMFTER DRUM WIDTH MAXIMUM AXLE WEIGHT **AIR REOUIREMENTS OPERATING TEMP RANGE** TIMING ACCURACY DRUM SPEED ACCURACY **RPM ACCURACY**

 \square • O 0 \square 88 IN/224 CM TO 130 IN/330 CM RO 98 IN/249 CM TO 140 IN/356 CM \leq DY 81 IN/205 CM 3000 LBS/1361 KG PER AXLE 100 PSI 0 32 TO 158 F/O TO 70 C +/-1 MICROSECOND Щ \leq +/-1/100TH MPH Ш +/-1/10TH RPM 71

24 IN/61 CM

POWER REOUIREMENTS

120 VOLT. 15AMP. SINGLE PHASE AND (2X) 240 VOLT, 30AMP, SINGLE PHASE



FOR MORE INFO VISIT: WWW.DYNOJET.COM



ABOVE GROUND PLATFORM KIT

The Above Ground Platform Kit when used in conjunction with a four-post lift, allows you to make changes to exhaust, gears, driveshafts and other drivetrain modifications right on the dyno during test sessions. *4 post lift sold separately.*

4 POST LIFT

Dynojet acts as a liaison to provide you with the proper 4 post application. Any technical questions should be directed to Rotary at 800-532-6973.





PIT COVERS

Pit Covers shield open areas of pits, exposing the rollers only. This option is a standard feature for Model 424x and Model 424xLC² and available for all other Dynojet Dynamometer Models to upgrade.

TOLL FREE 1-800-992-3525



TORQUE CELL MODULE

Measures real-time torque, and allows sweep, step and custom load simulation tests.



EDDY CURRENT LOAD CONTROL

When performing loaded testing, the Eddy Current Load Control option utilizes an integrated Torque Cell to quantify power absorption in an ultra precise and consistent manner. Loaded test files are then available for review and analysis in the WinPEP 8 software. During a steady state test the dynamometer operator can view torque in real time, a great feature when performing live ECM tuning. Additional highlights of this system include a quick and effective calibration routine that can be accomplished in under a minute.

424 LINX SYSTEM

The Dynojet 424 LINX System is a simple, highly efficient design that incorporates a high speed Multi-V Rib belt and pulleys that eliminates potential speed differentials between the dyno drums. This technology will allow you to test modern AWD vehicles without the fear of potentially damaging the center differentials, or activating intrusive stability control systems. It is also useful for those 2WD performance vehicles that require all four wheels to be rotating in order to avoid reduced power mode. The 424 LINX will also retain the full flexibility of your 424x. The LINX System is easy to connect/ disconnect for switching between 2WD or AWD applications.



SPECIFICATIONS

180 MPH

MAXIMUM SPEED



224x AWD ATTACHMENT

The most versatile option, the 224x AWD attachment can be added to any existing Dynojet 224x or 224xLC dynamometer to make it all-wheel-drive capable. Horsepower and torque are measured at each drum and can be displayed and/or logged independently, or combined. This attachment results in a system that can accommodate wheelbases from 88in to 140in with just the touch of a button. The 224x AWD Attachment is available in an above ground or pit configuration when upgrading from a 224x or 224xLC models.

| DRUM WIDTH | 81 IN/206 CM |
|------------------------|--|
| MINIMUM AXLE WIDTH | N/A |
| MAXIMUM AXLE WIDTH | 81 IN/206 CM |
| MAXIMUM AXLE WEIGHT | 3000LBS/1120KG |
| DRUM ADJUSTABLE WHEELB | ASE FROM |
| STANDARD | 88 IN/224 CM TO 130 IN/330 CM |
| OPTIONAL | 98 IN/249 CM TO 140 IN/356 CM |
| | MINIMUM AXLE WIDTH Maximum axle width Maximum axle weight Drum Adjustable wheelb / Standard |

DYNOJET POWER-RAMP

The Power-Ramps are used with 224x/224xLC Models and provide a unique alternative to a four-post lift. Unlike non-powered ramps, the Power-Ramps raise and lower the vehicle to the height of the dyno. This keeps vehicles level on the dyno, allowing for shorter ramp platforms and saves 8.5ft of floor space when compared to a traditional four-post lift! The ramps are securely attached to the dynamometer and are controlled by a push-button hydraulic system. Additionally the ramps are powder coated with an anti-slip surface for optimal traction. The Power-Ramps are suited for vehicles with a maximum wheelbase of 132in.

| TOTAL LENGTH | |
|-------------------|--|
| TOTAL WIDTH | |
| WIDTH (EACH RAMP) | |
| APPROACH ANGLE | |

55 IN/393.7 CM MAXIMUM WEIGHT PER VEHICLE AXLE 83 IN/210.82 CM APPROXIMATE TOTAL WEIGHT 26.5 IN/67.31 CM TOTAL RAMP WEIGHT 8° 3500 LBS/1588 KG 415 LBS/188.24 KG PER RAMP ASSEMBLY 850 LBS/385.55 KG

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FOR MORE INFO VISIT: WWW.DYNOJET.COM

MAXIMUM HORSEPOWER Maximum Speed Maximum Torque Drums

WHEELBASE MINIMUM WHEELBASE MAXIMUM DRUM DIAMFTER

AFR-2 (DUAL AIR/FUEL SYSTEM)

AFR-2 MODULE MEASURES UP TO TWO AIR/FUEL RATIO READINGS SIMULTANEOUSLY!

The AFR-2 has two wide band O2 sensor inputs so you can sample two air/fuel ratios at the same time for measuring bank-to-bank. The AFR-2 uses the DJ-CAN system, which allows you to daisy-chain multiple AFR-2 modules to read as many AFR's as you need. The AFR-2 houses the Gen4 air pump system and comes standard with one O2 sensor. Additional sensors can be purchased at a low cost.



ANALOG CHANNEL ACCESSORIES

Analog Channel Accessories Analog Sensor Cable Kit (Used for connecting customer supplied 0-5v sensors to DynoWare RT Main Control Module - includes 4 harness kits).

Analog Sensor Cable Kit - Includes four (4) complete harnesses for connecting up to four customer supplied 0-5v analog sensors to DynoWare RT.



-14.7-45psi Pressure Sensor Kit - Includes one (1) sensor and harness 0-100psi Pressure Sensor Kit - Includes one (1) sensor and harness.





EZ-RPM MODULE

Receive RPM signal by plugging into cigarette/ accessory power port or connect to positive/ negative battery posts for RPM signal.

OBDII DATA-LINK INTERFACE

The OBDII Data Link plugs directly into the vehicle's OBDII port and brings data from the vehicle's ECM directly into DynoWare RT. Designed for use with 2008+ US Spec (ISO 15765) 255+kbps CAN based vehicle ECM's, you can use the OBDII engine RPM channel as your dyno's primary RPM signal! Data can be viewed in real-time and saved with the dyno graph. Comes with 1 wideband oxygen sensor. Second sensor not included.



IR-TEMP SENSOR KIT

Includes 1 0-500F sensor, magnetic base and mounting stand.

OPTICAL RPM PICKUP

Includes magnetic base, optical sensor and reflective tape. Recommended when testing diesel engine vehicles.

Allows RPM pickup from any engine where a rotating component can be seen (crank balancer, etc).



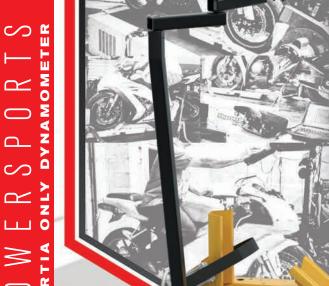
O2 SENSOR KITS

Includes one wideband O2 sensor with harness for use with AFR-2 for dual air/fuel readings. Available in a 6 ft or 12 ft harness length. 02 Sensor Test

Gas Kit available.

TOLL FREE 1-800-992-3525

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MODEL 2001 CHASSIS DYNAMOMETER

The Model 200i continues the Dynojet tradition of providing a reliable, repeatable, consistent and easy to use chassis Dyno for a quick and accurate diagnosing of performance problems. The Model 200i offers an improved operator interface through the use of the integrated control console, PowerCore Software Suite and a wider platform for easy loading and unloading. Shop sales, service work and credibility all benefit with a Dynojet chassis dynamometer.

A great feature of the 200i is that it can easily be upgraded to the Model 200ix, 250i, or 250iX at any time. This is especially important to a NEW business. They can begin with the 200i and upgrade as their business grows.

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FEATURES

ABOVE GROUND STANDARD FEATURES

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- MEASURES 750+ HP / TOROUE AND UP TO 200MPH
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 (PC, MONITOR, PRINTER, ETC. NOT INCLUDED)
- DYNOWARE RT DYNAMOMETER ELECTRONICS AND HARDWARE
- 14 EXPANSION PORTS FOR DYNOWARE RT ACCESSORIES AND DJ-CAN DEVICES (SUCH AS POWER COMMANDER, POWER VISION, AUTOTUNE, ETC.)
- POWDER COATED CHASSIS. WHEELBASE CAPABILITY UP TO 84 IN (FROM FRONT TIRE TO REAR AXLE)

- INTEGRATED CONTROL PANEL STAND WITH CONSOLE
- IGNITION WIRE INDUCTIVE TACHOMETER PICKUP LEADS
- FRONT WHEFT LOCK
- STARTER SYSTEM TO SPIN ROLLER (12V, BATTERY NOT INCLUDED)

ADDITIONAL FEATURES FOR PIT MODEL

- POWER CARRIAGE FOR BUTTON OPERATED WHEELBASE ADJUSTMENT
- PIT COVERS
- COMPACT DESIGN ALLOWS FOR SMALLER PIT SIZE

SPECIFICATIONS

| MAXIMUM HORSEPOWER/TORQUE | 750+ HP/750+ FT LBS |
|-----------------------------|--------------------------------|
| MAXIMUM SPEED | 200 MPH/322 KPH |
| DRUM DIAMETER | 18 IN/45.72 CM |
| DRUM WIDTH | 16.37 IN/41.59 CM |
| DRUMS | Karibi bahit |
| MAXIMUM AXLE WEIGHT | N/A |
| STANDARD CARRIAGE WHEELBASE | MINIMUM 66 IN/167 CM |
| STANDARD CARRIAGE WHEELBASE | MAXIMUM 84 IN/213 CM |
| EXTENDED CARRIAGE WHEELBASE | MINIMUM 83 IN/210 CM * |
| EXTENDED CARRIAGE WHEELBASE | MAXIMUM 102 IN/259 CM * |
| WHEELBASE MEASURE | D FROM FRONT TIRE TO REAR AXLE |
| | *EXTENDED CARRIAGE IS OPTIONAL |
| AIR REQUIREMENTS | 100 PSI |
| OPERATING TEMP RANGE | 32 TO 158 F/O TO 70 C |
| TIMING ACCURACY | +/-1 MICROSECOND |

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DRUM SPEED ACCURACY **RPM ACCURACY POWER REQUIREMENTS**

TO 70 C SECOND +/-1/100TH MPH +/-1/10TH RPM 1/10TH RPM 240 VOLT, 30 AMP, SINGLE PHASE



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MODEL 2501 LOAD CONTROL DYNAMOMETER

The 250i Load Control System was developed through years of experience with over 10,000+ dynamometer installations world wide. The design is easy to operate and provide the function of steady state load control.

Dynojet's Load Control System uses the latest in Eddy Current Power Absorption technology, which combines with our easy to use software, so any technician can get repeatable, consistent results. The Load Control software provides the technician with the ability to control vehicle RPM or Speed at any throttle opening. Through our exclusive closed-loop software design, the vehicle is automatically held at your pre-determined setting.

> SHOWN WITH OPTIONAL FANS, POWER CARRIAGE, Power Clamp and Integrated AFR-2

EDDY CURRENT LOAD ABSORPTION UNIT

CONTROL VEHICLE RPM OR SPEED AT ANY THROTTLE OPENING.

FEATURES

ABOVE GROUND STANDARD FEATURES

- MEASURES 750+ HP / TORQUE AND UP TO 200MPH
- EDDY CURRENT LOAD ABSORPTION UNIT
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 (PC, MONITOR, PRINTER, ETC. NOT INCLUDED)
- DYNOWARE RT DYNAMOMETER ELECTRONICS AND HARDWARE
- POWDER COATED CHASSIS, WHEELBASE CAPABILITY UP TO 84 IN (FROM REAR AXLE TO FRONT TIRE)
- INTEGRATED CONTROL PANEL STAND WITH CONSOLE
- IGNITION WIRE INDUCTIVE TACHOMETER PICKUP LEADS

- FRONT WHEEL LOCK
- 14 EXPANSION PORTS FOR DYNOWARE RT ACCESSORIES AND DJ-CAN DEVICES (SUCH AS POWER COMMANDER, POWER VISION, AUTOTUNE, ETC.)

- /

 STARTER SYSTEM TO SPIN ROLLER (12V, BATTERY NOT INCLUDED)

ADDITIONAL FEATURES FOR PIT MODEL

- POWER CARRIAGE FOR BUTTON OPERATED
 WHEELBASE ADJUSTMENT
- PIT COVERS
- COMPACT DESIGN ALLOWS FOR SMALLER PIT SIZE

SPECIFICATIONS

| MAXIMUM HORSEPOWER/TORQUE | 750 HP+/750+ FT LE |
|-----------------------------|--------------------------------|
| MAXIMUM SPEED | 200 MPH/322 KP |
| DRUM DIAMETER | 18 IN/45.72 C |
| DRUM WIDTH | 16.37 IN/41.59 C |
| DRUMS | <u> </u> |
| MAXIMUM AXLE WEIGHT | N/ |
| STANDARD CARRIAGE WHEELBASE | MINIMUM 66 IN/167 C |
| STANDARD CARRIAGE WHEELBASE | MAXIMUM 84 IN/213 C |
| EXTENDED CARRIAGE WHEELBASE | MINIMUM 83 IN/210 CN |
| EXTENDED CARRIAGE WHEELBASE | MAXIMUM 102 IN/259 CN |
| WHEELBASE MEASURE | ED FROM FRONT TIRE TO REAR AXI |
| | *EXTENDED CARRIAGE IS OPTIONA |
| AIR REQUIREMENTS | 100 P |
| OPERATING TEMP RANGE | 32 TO 158 F/O TO 70 |
| TIMING ACCURACY | +/-1 MICROSECON |
| DRUM SPEED ACCURACY | +/-1/100TH MP |
| RPM ACCURACY | +/-1/10TH RP |
| | |

240 VOLT, 30 AMP, SINGLE PHASE



POWER REQUIREMENTS

TOLL FREE 1-800-992-3525

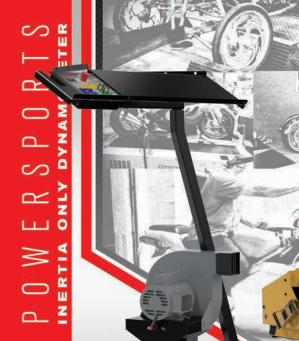
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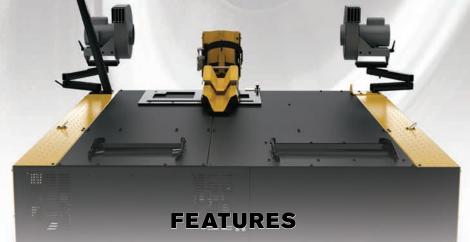


MODEL 2001X CHASSIS DYNAMOMETER

Dynojet's cutting edge engineering delivers the precise horsepower measurements a technician needs to make quick and accurate evaluations of engine and drive-train performance. This allows you to maximize your shop's potential with increased sales, service efficiency, and shop credibility. The dyno's durable, low-maintenance construction ensures that you will be investing in many years of flawless tuning and troubleshooting. By eliminating the need for engine removal, the vehicle mounting time is as little as 5 minutes.

A technician can then perform a simple test and examine the results right in the shop. Utilizing the Dynojet WinPEP software, the dyno operator can evaluate the entire drive-train condition for the purpose of routine servicing or all-out performance. THE 200IX DYNAMOMETER ADDS AN EXTRA DRUM AND SLIDING CARRIAGE TO ACCOMMODATE ATV'S, TRIKES, SIDE-BY-SIDES, AND MOTORCYCLES.

> SHOWN WITH OPTIONAL FANS, MONITOR TRAY AND INTEGRATED AFR-2



ABOVE GROUND STANDARD FEATURES

- ACCOMMODATES MOTORCYCLES AND MOST OTHER POWERSPORTS PLATFORMS (ATV'S, SIDE-BY-SIDES, GO-KARTS, AND TRIKES)
- MEASURES 750+ HP / TOROUE AND UP TO 200MPH
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 (PC, MONITOR, PRINTER, ETC. NOT INCLUDED)
- DYNOWARE RT DYNAMOMETER ELECTRONICS AND HARDWARF
- 14 EXPANSION PORTS FOR DYNOWARE RT ACCESSORIES AND DJ-CAN DEVICES (SUCH AS POWER COMMANDER, POWER VISION, AUTOTUNE, ETC.)
- POWDER COATED CHASSIS, WHEELBASE CAPABILITY UP TO 84 IN (FROM REAR AXLE TO FRONT TIRE)

- INTEGRATED CONTROL PANEL STAND WITH CONSOLE
- IGNITION WIRE INDUCTIVE TACHOMETER PICKUP LEADS
- FRONT WHEFT LOCK
- STARTER SYSTEM TO SPIN ROLLER (12V, BATTERY NOT INCLUDED)

ADDITIONAL FEATURES FOR PIT MODEL

- POWER CARRIAGE FOR BUTTON OPERATED WHEELBASE ADJUSTMENT
- PIT COVERS
- COMPACT DESIGN ALLOWS FOR SMALLER PIT SIZE

SPECIFICATIONS

| MAXIMUM HORSEPOWER/TORQUE | 750+ HP/750+ FT LBS |
|------------------------------------|---------------------------------|
| MAXIMUM SPEED | 200 MPH/322 KPH |
| DRUM DIAMETER | 18 IN/45.72 CM |
| DRUM WIDTH | 16.37 IN/41.59 CM |
| DRUMS | 2 |
| MAXIMUM AXLE WEIGHT | N/A |
| STANDARD CARRIAGE WHEELBASE MINIMU | M 66 IN/167 CM |
| STANDARD CARRIAGE WHEELBASE MAXIMU | JM 84 IN/213 CM |
| EXTENDED CARRIAGE WHEELBASE MINIMU | M 83 IN/210 CM * |
| EXTENDED CARRIAGE WHEELBASE MAXIMU | JM 102 IN/259 CM * |
| WHEELBASE MEASURED FROM F | RONT TIRE TO REAR AXLE |
| *EXTENDE | <i>ED CARRIAGE IS OPTIONA</i> L |
| AIR REQUIREMENTS | 100 PSI |
| DPERATING TEMP RANGE | 32 TO 158 F/O TO 70 C |
| TIMING ACCURACY | +/-1 MICROSECOND |
| DRUM SPEED ACCURACY | +/-1/100TH MPH |
| RPM ACCURACY | +/-1/10TH RPM |
| STANDARD REAR AXLE WIDTH | |

INNER

OUTER

POWER REOUIREMENTS

23 IN/58.4 CM 61 IN/155 CM

240 VOLT, 30 AMP, SINGLE PHASE

$\overline{}$ N/A \sim 13 CN) CM * CM * R AXLE *tiona*l OO PSI 0 70 C \sim 21 H MPH RPM

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FOR MORE INFO VISIT: WWW.DYNOJET.COM

MODEL 2501X LOAD CONTROL DYNAMOMETER

The 250iX Powersports Chassis Dynamometer provides the ultimate in powersports dyno tuning/testing capability. With a 61 inch total drum width and sliding carriage, the 250iX can handle most UTV's ATV's Karts, Trikes and Motorcycles. Available for above-ground or pit installation.

SHOWN WITH OPTIONAL FANS, AND INTEGRATED AFR-2.

EDDY CURRENT LOAD ABSORPTION UNIT control vehicle RPM or speed at any throttle opening.

TOLL FREE 1-800-992-3525

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FEATURES

ABOVE GROUND STANDARD FEATURES

- ACCOMMODATES MOTORCYCLES AND MOST OTHER POWERSPORTS PLATFORMS (ATV'S, SIDE-BY-SIDES, GO-KARTS, AND TRIKES)
- MEASURES UP TO 750+ HP AND 200MPH
- EDDY CURRENT LOAD ABSORPTION UNIT
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 (PC, MONITOR, PRINTER, ETC. NOT INCLUDED)
- DYNOWARE RT DYNAMOMETER ELECTRONICS AND HARDWARE
- 14 EXPANSION PORTS FOR DYNOWARE RT ACCESSORIES AND DJ-CAN DEVICES (SUCH AS POWER COMMANDER, POWER VISION, AUTOTUNE, ETC.)

- POWDER COATED CHASSIS, WHEELBASE CAPABILITY UP To 84 IN (FROM REAR AXLE TO FRONT TIRE)
- INTEGRATED CONTROL PANEL STAND WITH CONSOLE
- IGNITION WIRE INDUCTIVE TACHOMETER
 PICKUP LEADS
- FRONT WHEEL LOCK
- STARTER SYSTEM TO SPIN ROLLER (12V, BATTERY NOT INCLUDED)

ADDITIONAL FEATURES FOR PIT MODEL

- POWER CARRIAGE FOR BUTTON OPERATED
 WHEELBASE ADJUSTMENT
- PIT COVERS
- COMPACT DESIGN ALLOWS FOR SMALLER PIT SIZE

AVAILABLE IN A WIDER WIDTH The 250iXW is available with 73" total drum width. Pit installation only

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| SPECIFIC/ | ATIONS |
| MAXIMUM HORSEPOWER/TORQUE | 750+ HP/750 + FT LBS |
| MAXIMUM SPEED | 200 MPH/322 KPH |
| DRUM DIAMETER | 18 IN/45.72 CM |
| DRUM WIDTH | 16.37 IN/41.59 CM |
| DRUMS | 2 |
| MAXIMUM AXLE WEIGHT | N/A |
| STANDARD CARRIAGE WHEELBASE I | MINIMUM 66 IN/167 CM |
| STANDARD CARRIAGE WHEELBASE I | MAXIMUM 84 IN/213 CM |
| EXTENDED CARRIAGE WHEELBASE I | MINIMUM 83 IN/210 CM * |
| EXTENDED CARRIAGE WHEELBASE I | MAXIMUM 102 IN/259 CM* |
| WHEELBASE MEASURED I | FROM FRONT TIRE TO REAR AXLE |
| *E | XTENDED CARRIAGE IS OPTIONAL |
| AIR REQUIREMENTS | 100 PSI |
| OPERATING TEMP RANGE | 32 TO 158 F/O TO 70 C |
| TIMING ACCURACY | +/-1 MICROSECOND |
| DRUM SPEED ACCURACY | +/-1/100THMPH |
| RPM ACCURACY | +/-1/10TH RPM |
| STANDARD REAR AXLE WIDTH | |
| INNER Outer | 23 IN/58.4 CM 61 IN/155 CM |
| IXW REAR AXLE WIDTH | |
| INNER OUTER | 35 IN/89 CM 73 IN/185.4 CM |
| POWER REQUIREMENTS | 240 VOLT, 30 AMP, SINGLE PHASE |
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SPECIFICATIONS

| | MAX POWER | 25KW (33.5HP) |
|---|-------------------------------|-----------------------------|
| | MAX TORQUE | 45 NM (33.5 LB-FT) |
| | MAX SPEED | 175 KM/HR (109 MPH) |
| i | LENGTH UNFOLDED WITH RAMP DOW | /N 132 IN/335 CM |
| | LENGTH WITH RAMP UP | 99 IN/251 CM |
| | TOTAL LENGTH FOLDED | 21 IN/533 CM |
| | TOTAL WIDTH FOLDED | 24 IN/61 CM |
| | TOTAL WIDTH UNFOLDED | 34 IN/86 CM |
| | TOTAL HEIGHT FOLDED | 83 IN/211 CM |
| | TOTAL HEIGHT UNFOLDED | 24 IN/61 CM |
| | WEIGHT | 437 LBS/198.22 KG |
| | MINIMUM AND MAXIMUM WHEELBAS | E 64-74 IN/152-188 CM |
| | WHEELBASE MEASURED FR | POM FRONT TIRE TO REAR AXLE |
| | BRAKE TYPE SPF | RING TYPE MECHANICAL BAND |
| | POWER REQUIREMENTS | 110-220 VAC |
| | | |

SD12 SCOOTER DYNAMOMETER

The SD12 has a clever fold-up design with rollers, enabling it to be easily moved for use and storage, maximizing space inside the workshop.

The SD12 comes with a folding ramp and foot activated brake as standard features and can accommodate wheelbases from 60 to 74in. The SD12 uses our proven WINPEP 8 software and DynoWare RT electronics for accurate and repeatable measurement of horsepower, torque, and speed. The Dynojet Air/Fuel Ratio Monitor can be used with the SD12.

FOR MORE INFO VISIT: WWW.DYNOJET.COM

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POWERSPORTS DYNAMOMETER X UPGRADE

The ultimate in versatility — The X upgrade is available for all 200i/250i models and adds a second drum and sliding carriage to accommodate ATV's, UTV's, Trikes and motorcycles.

6



POWER CARRIAGE

Motor driven carriage controlled from control panel for adjusting wheelbase without stepping off the motorcycle.



POWER WHEEL CLAMP

Motor driven wheel clamp controlled through the control panel for securing front wheel without stepping off the motorcycle.

PRIMARY FOLDING RAMP

Gas strut assisted folding ramp bolts directly to the dynamometer.



SECONDARY **FOLDING RAMP**

Supplemental ramp for X model dynos (both ramps required).



AIR BRAKE

Air actuated disk brake used for slowing drum. Not necessary with 250i series dynos.

DUAL COOLING FAN SYSTEM

Integrated cooling fans with adjustable arms. 1,800 CFM each fan.



MONITOR TRAY

Bolts onto the control panel arm and holds the monitor, keyboard and mouse.



TOLL FREE 1-800-992-3525



TORQUE CELL MODULE

Measures real-time torque, and allows sweep, step and custom load simulation tests.



EDDY CURRENT LOAD ABSORPTION UNIT

The Eddy Current Load Absorption Unit can be upgraded to any Dynojet inertia model, such as the 200/200i/200iX, and enables the ability to perform loaded tests such as closed-loop RPM step tests when tuning fuel-injection with a Power Commander or Power Vision.

29



AFR-2 (DUAL AIR/FUEL SYSTEM)

AFR-2 MODULE MEASURES UP TO TWO AIR/FUEL RATIO READINGS SIMULTANEOUSLY!

The AFR-2 has two wide band O2 sensor inputs so you can sample two air/fuel ratios at the same time for measuring V-Twin engines. The AFR-2 uses the DJ-CAN system, which allows you to daisy-chain multiple AFR-2 modules to read as many AFR's as you need. The AFR-2 houses the Gen4 air pump system and comes standard with one O2 sensor. Additional sensors can be purchased at a low cost.



IR-TIRE TEMP SENSOR KIT

Includes 1 0-500F sensor, magnetic base and mounting stand.

O2 SENSOR KITS

Includes one wideband O2 sensor with harness for use with AFR-2 for dual air/fuel readings. Available in a 6ft or 12 ft harness length. 02 Sensor Test Gas Kit available.



ANALOG CHANNEL ACCESSORIES

DynoWare RT comes standard with four (4) analog inputs for 0-5v sensors. Sensor kits are available for connecting Dynojet analog sensors or customer supplied sensors to DynoWare RT.



Analog Sensor Cable Kit — Includes four (4) complete harnesses for connecting up to four customer supplied 0-5v analog sensors to DynoWare RT.

ON-BOARD

vehicle data into WinPEP8

DIAGNOSTIC CABLES

These cables allow the end user to plug into the On

OBD diagnostic tool is required. Make sure this tool is

Board Diagnostic connector of the motorcycle to read and/

CAN compatible use with Dynojet OBDII Data-Link to input

or clear codes and view certain channels. An over the counter



-14.7-45psi Pressure Sensor Kit — Includes one (1) sensor and harness 0-100psi Pressure Sensor Kit — Includes one (1) sensor and harness.



Use the Dynojet OBDII Data-Link with the Dynojet On-Board Diagnostic Cables to use vehicle ECM data real-time in WinPEP 8.





Dynojet's H-D Fuel Tap is a system for fuel injected Harley-Davidson® motorcycles designed to measure and synchronize fuel pressure readings with other data while

conducting dyno tests. Utilizes a precision 0-100 psi pressure transducer and quick disconnects for fast, easy installation

and accurate results. Stop tuning around a "problem area" and ensure the fuel system is performing as designed.

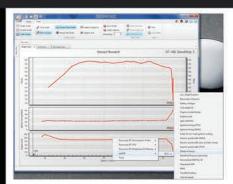
H-D FUEL TAP

INDUCTIVE RPM CONNECTION KIT

This new harness kit aids dyno operators in establishing engine RPM signals with select motorcycles. Each harness uses OEM style connectors, plugs in-line with the stock ignition system, and the non-loomed wiring makes it easy for the Dynojet Inductive RPM to clamp onto. Works with several motorcycles: Denso coil ignitions, Ducati, KTM, Polaris, Can-Am, BMW, Aprilia and Harley-Davidson®.

FOR MORE INFO VISIT: WWW.DYNOJET.COM







DJ-CAN PRODUCTS SUCH AS THE POWER COMMANDER V, POWER VISION, AND WIDEBAND2 CAN BE PLUGGED DIRECTLY INTO DYNOWARE RT.

This allows you to view and sample all available channels on the device. This includes; injector duty cycle, throttle position, air/fuel ratio (when equipped with AutoTune) and more! You can use engine RPM from a Power Commander V as your primary dyno RPM so you don't have to use the inductive RPM cable!

FUEL INSECTION MODULE

H-D DATA LINK

Connect any Delphi equipped Harley-Davidson® (CAN & J1850) to DynoWare RT to read and sample live data direct from the bike! Whether you are making EFI calibrations, diagnosing a problem or simply getting a horsepower reading, the H-D Data Link gives you more data such as volumetric efficiency, spark advance, cylinder temp, and more.

The Power Vision Tuner Kit can also function as the H-D Data Link





POWER VISION AUTOMATED TUNE LICENSE PROGRAM SAVES TIME, KEEPS COST LOW, AND MAXIMIZES PROFIT.

Acquiring and loading a Tune License into your Power Vision is quicker and easier than before. Simply launch WinPV, click on the PV Online icon, and in a few steps you're ready to tune. If you need additional Tune Licenses, log into your account and purchase them. Every step of the process is now handled online, at your convenience.

Use one Power Vision to tune multiple bikes! There is NO limit to the amount of ECM's that can be tuned with a single Power Vision. Each bike to be tuned requires the purchase of a Tune License, however, the Tune License allows you to continue to flash tunes to each licensed vehicle as many times as you'd like.



POWER VISION TUNER KIT

Dynojet offers the Power Vision Tuner Kit that includes everything you need to start flash tuning Harley-Davidson® motorcycles.

This comprehensive kit is perfect for small independent shops or franchised dealers looking to minimize the headaches and maximize profits. Included is a Power Vision, AutoTune Pro Module, and all necessary cables in order to tune J1850 or CAN models.

STEALTH EXTRACTION INTERFACE KIT

Tired of welding bungs, destroying baffles, or otherwise finding a way to get an accurate exhaust gas sample for tuning purposes?

Dynojet has the answer with the Stealth Extraction Interface Kit. Includes professional grade Riv-Nut tool, drill bit, 50 pieces of consumables (bolts, washers, Riv-Nuts, etc), specialty bolts, and billet manifold interfaces.



TOLL FREE 1-800-992-3525





DYNOWARE RT

DynoWare RT is the next generation of Dynojet dynamometer electronics and provides dyno owners with several features such as: high-speed Ethernet communications to PC, wireless network capability, multiple expansion ports for current and future upgrades, updateable firmware/software via online, built-in true 0-5v Analog Channels and more. The dyno's configuration file is now embedded inside the DynoWare RT module, so now you can simply connect to any PC that has PowerCore installed. DynoWare comes standard with new Dynojet dynamometers and is available as an upgrade for existing Dynojet models.

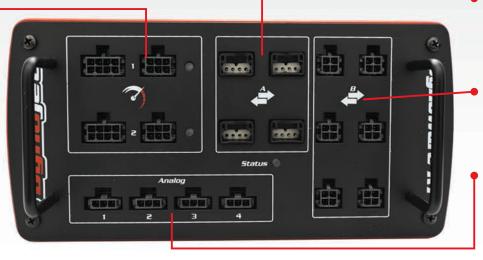
FOR MORE INFO VISIT: WWW.DYNOJET.COM

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FEATURES

TWO INDUCTIVE RPM INPUTS (UP TO 30,000 RPM). Includes two (2) primary and two (2) secondary inductive RPM cables for use with various ignition types including coil on plug.

OPTICAL RPM INPUTS (UP TO 30,000 RPM). For use with Dynojet Optical RPM accessory (not included).



FOUR DJ-CAN (DYNOJET CONTROLLER AREA NETWORK) EXPANSION PORTS To connect Dynojet performance electronics such as Power Commander V and WideBand2.

SIX DYNOWARE EXPANSION PORTS Allows for easy to access connections for the pendant, atmospheric measurement device and other devices.

FOUR INDEPENDENT 0-5V ANALOG INPUTS. Accessory plug-

and-play Dynojet Sensor Kits available for measuring pressure (boost or fuel). Analog Sensor Cable Kit also available to connect customer supplied 0-5 analog sensors to DynoWare RT. Sensors not included.

ETHERNET COMMUNICATIONS

WIRELESS NETWORK CAPABILITY Connect DynoWare RT to a wireless router to control the dyno and Power Core using any laptop, desktop or tablet PC on the network. Update firmware and software through a internet network.

TWO INFRARED TEMPERATURE SENSOR INPUTS.

POWERCORE SOFTWARE SUITE WITH WINPEP 8 DYNO CONTROL, DATA CENTER AND C3 TUNING SOFTWARE INCLUDED WITH DYNOWARE RT.









PowerCore is a PC based application that provides Dynojet dyno owners with the most advanced tuning software platform available in the industry! Control the dyno, analyze data, adjust/create calibrations and maps for Dynojet products and utilize real-time on-board data from vehicles running on the dyno.





WINPEP 8 DYNO CONTROL

Connects PowerCore to DynoWare RT; shows data live on gauges, starts/stops sampling, and sets up load control and other dyno specific functions.

- SELECTABLE RPM SOURCE USED FOR LOGGING/LOAD CONTROL INDUCTIVE, OR DJ-CAN DEVICES SUCH AS THE POWER COMMANDER V.
- CHANNEL SUPPORT FOR DJ-CAN DEVICES READ AND SAMPLE LIVE DATA FROM THE VEHICLE WHILE USING A POWER COMMANDER V OR POWER VISION.
- EDITABLE GAUGE SCREEN WITH USER DEFINED DATA CHANNEL SELECTION, SCALING AND MORE.

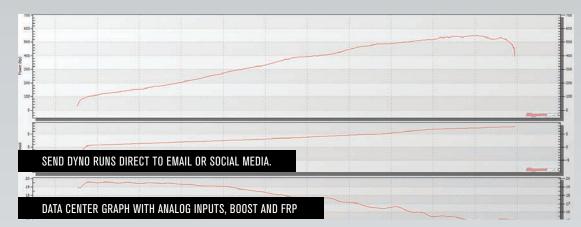
TOLL FREE 1-800-992-3525



WINPEP 8 DATA CENTER

Provides enhanced viewing and analysis tools for dyno runs, DJ-CAN devices, .csv format data logs, and 3rd party sources. Views include graph/ trace, table, and 3-D visualization.

- SYNCHRONIZE DATA CHANNELS FROM THE DYNOWARE RT SYSTEM IN PERFECT ALIGNMENT WITH CHANNELS FROM SUPPORTED SYSTEMS, GIVING THE ABILITY TO SEE WHAT HAPPENED AND WHERE. BECOME A BETTER TUNER AS A RESULT OF GETTING BETTER DATA.
- CUSTOMIZATION OPTIONS ALLOW USERS TO ADJUST THE SOFTWARE FORMAT AND VIEWING TO THEIR LIKING AND PROVIDES BETTER EXPORT VIEWING, PRINTING AND MORE.
- BACKWARDS COMPATIBLE TO ALL PREVIOUS WINPEP AND DOSPEP DYNO RUNS, SO USERS CAN USE PREVIOUS DYNO RUN FILES.



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C3 TUNING SOFTWARE (CONFIGURE-CALIBRATE-CONTROL)

DYNOJET'S C3 SOFTWARE INTERFACES THE DYNAMOMETER WITH OTHER DYNOJET PRODUCTS SUCH AS POWER COMMANDER, POWER VISION, AND POWER VISION CX. THIS TAKES DYNO TUNING TO A NEW LEVEL!

- CREATE CALIBRATIONS & COMPARE THEM SIDE BY SIDE
- CONFIGURE POWER COMMANDER ADVANCED MAPS FOR 2 OR 4 CYLINDER ENGINES TO USE DUAL AUTOTUNE
- EDIT & FLASH POWER VISION AND POWER VISION CX CALIBRATIONS DIRECT TO THE ECM
- AUTOMATICALLY SYNCS CHANNEL AXIS WITH DATA CENTER FOR EASE OF TUNING
- DATA LOG CHANNELS AND DISPLAY THEM IN GRAPH FORM INSIDE DATA CENTER
- AUTOMATIC ONLINE UPDATES

DYNOJET'S PROPRIETARY TUNING LINK SOFTWARE IS INCLUDED IN C3!

- CREATE MAPS WITH UP TO 30 THROTTLE POSITION COLUMNS AND ANY VALUE DESIRED.
- PERCENTAGE CORRECTION PICK A DESIRED ALLOWED TARGET ERROR PERCENTAGE (FOR EXAMPLE 2% OF YOUR TARGET AFR) FOR FASTER AND MORE EFFICIENT FUEL MAPPING.
- AUTOTUNE FUNCTION SIMPLY RIDE THE BIKE ON THE DYNO FOR NON CELL-SPECIFIC MAPPING AND USE TUNING LINK TO TUNE ABRUPT THROTTLE TRANSITIONS AND OTHER RIDING CONDITIONS.
- MAP MULTIPLE CYLINDERS SIMULTANEOUSLY
- DESIGNATE A TARGET AFR FOR EVERY MAP CELL

FOR MORE INFO VISIT: WWW.DYNOJET.COM

APPROVED POWER COMMANDER TUNING CENTERS

THE POWER COMMANDER HAS BEEN THE #1 CHOICE FOR EFI TUNING EVER SINCE FUEL INJECTION BECAME AVAILABLE AS ORIGINAL EQUIPMENT BY POWERSPORTS MANUFACTURERS.

This course certifies Dynojet Dynamometer owners (250 model and above) as Dynojet Approved Power Commander Tuning Centers. It consists of 3-days of advanced Power Commander training and is a combination of classroom and hands-on dyno time. The course covers all models of Power Commanders and their accessories. Learn everything from proper installation to making custom maps using a Dynojet dyno with Power Commander and dyno software.

AUTHORIZED POWER COMMANDER DEALERS

This ½ day training course available in your area or at your location (contact Dynojet for availability). This course provides dealers with all of the information they need regarding Power Commander sales and support.

CERTIFIED POWER VISION TUNING CENTERS

This 3-day training course held at Dynojet Research in Las Vegas, Nevada includes EFI theory and operation for expert EFI calibrating, Power Vision WinPV software, AutoTune Basic & Pro and custom EFI map development using the Power Vision on the dynamometer. Certified Power Vision Tuning Centers are listed online and are the only Dynojet approved tuning centers for customers seeking custom Power Vision tunes created on a Dynojet dynamometer.

CERTIFIED POWER VISION DEALERS

This 1/2 day training course provides all the information needed regarding Power Vision sales and support. Certified Power Vision Dealers are listed online as Approved Locations that can thoroughly support Power Vision sales.

DYNAMOMETER TRAINING

On-Site Dynamometer Training Available. Dynojet provides two day on-site training for an additional fee. For more info on training and certification contact us at: 1-800-992-3525/training@dynojet.com





DYNOJET DYNAMOMETER REQUIREMENTS

PC REQUIREMENTS:

TEL 800-992-3525 FAX 702-399-4821

FAX 702-399-4821

INTERNATIONAL SALES: TEL 702-673-4010

PC not included. Minimum specifications should be: Windows 7 or higher, Dual Core Processor, 2.0 GHz or faster, 4GB of system RAM, 100GB or larger hard drive (54MB required for program, 1280x1024 (SXGA) resolution or higher monitor/graphics card, 1 free 10/100Mbps RJ45 ethernet port, CD ROM drive, printer, if prints needed

| POWER REQUIREMENTS: | | | |
|---|--|---|---|
| POWERSPORTS DYNAMOMETERS | AUTOMOTIVE DYNAMOMETERS | ROTARY 4 POST LIFT | DYNOJET AIR FUEL RATIO |
| 200i 240 VOLT, 30 AMP, SINGLE PHASE 250i 240 VOLT, 30 AMP, SINGLE PHASE | 224x/424x: 120 VOLT, 15AMP, & SINGLE PHASE 224xLC: 120 VOLT, 15AMP, SINGLE PHASE AND 240 VOLT, 30AMP, SINGLE PHASE | 240 Volt, 20 Amp, Single Phase MOBILE DYNAMOMETERS | |
| | | | |
| 424xLC ² : 120 VOLT, 15AMP, SINGLE PHASE AND (2X) 240 VOLT, 30AMP, SINGLE PHASE | | | |
| FORKLIFT REQUIREMENTS: | | | |
| 424x/424xLC ² | 424x/424xLC ² | 200i/250i/250iX | |
| 6000LB FORKLIFT WITH 6' FORKS | 6000LB FORKLIFT WITH 6' FORKS | 2500LB FORKLIFT | |
| DYNOJET RESEARCH | | DYNOJET GERMANY | DYNOJET RESEARCH BV |
| 2191 Mendenhall Drive | | Neustr 44 | Pieter Zeemanstraat 37 |
| North Las Vegas, Nevada 89081 | | 47809 Krefeld, Germany TEL +49(0) 2151535846 | 6603 AV Wijchen, The Netherlar TEL +31 (0)24-645 40 28 |
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WWW.DYNOJET.COM