

AutoScan Fi Chassis dynamometer for cars





2WD & 4WD version



Modular and scalable Design X2 > X4



Dynamic driving by Road load Simulation



Motorbikes & ATV Compatibility



Optimised



Full-featured and powerful software



Speed Synchronization up to 300km/h



Low inertia Technology



Vehicle and user safety

Autoscan, extraordinary versatility

Using Autoscan Fi

Technology in cars is evolving as fast as their performances. The increasing complexity of engine management and electronic driving aid systems (ADAS) makes it impossible to run an engine in a workshop in the same way as it performs on roads or tracks. Under these conditions, engine performance tuning becomes difficult. The need to exactly recreate driving conditions makes it necessary to use a specialized, up-to-date, accurate and reliable measuring instrument. ROTRONICS offers its solution: AUTOSCAN Fi.



Its new design gives many more users access to the best available state-of-the-art technology. Its versatility and time saving features, together with our effective and credible professional services will allow you to build on you partners' trust: Autoscan Fi will boost your business.

ROTRONICS KNOW-HOW

For over 25 years Rotronics has designed and manufactured engine test bed dynamometers and rolling road dynamometers for engine performance tuning, motorsport, education and Industrial R&D. From the outset the company has always used innovative technology to meet the expectations of its customers, and today it offers effective and unparalleled solutions in many areas of expertise. Rotronics has applied all this know-how towards designing the AutoScan Fi dynamometer, creating a unique and productive solution.



SKILLED TECHNICAL SUPPORT SERVICE

Whether you need information about the operation of the dynamometer, advice on specific measurements or want to contact our After Sales Service, our experienced technicians are at your disposal. All the people you speak to have taken part in the design and production of AutoScan Fi, and they are always available to answer your questions.



AUTOSCAN X4 & X4+

ACCURATE & FAST TRANSIENT CHASSIS DYNOS

The Autoscan X4 and X4+ are chassis dynamometers for 2 or 4 wheel drive road vehicles. Thanks to «Fi Technology» (low inertia) - featuring hollow rollers and fewer rotating parts - the total inertia moment can be reduced while achieving a smaller overall footprint.

This technology, combined with high speed electronic management, ensures very accurate and extremely responsive control of the load applied to the vehicle: adjustments at steady engine setpoint are clear and precise. However, the capabilities of Autoscan Fi are fully revealed in transient cycles (acceleration): thanks to the Fi low inertia technology, the load applied is controlled according to the look-up table without time lags or delays, thus ensuring an accurate correlation with real driving conditions.

Autoscan X4 and X4+ are all equipped with an eddy current brake located at the rear of the bench that applies force to all the rollers thanks to the speed synchronisation system The X4 and X4+ versions can be distinguished by the ability to adjust wheelbase settings. Autoscan Fi X4+ is compatible with the longest wheelbase vehicles on the market. The design of the X4+ also includes motorcycle and quad compatibility options. It is coming with control cabinet that integrates electronic control units & computer.



ISO-SPEED SYNCHRONIZATION

Autoscan X4 and X4+ feature a mechanical linking system that connects the rollers together. All the wheels of the test vehicle rotates at the same speed regardless of the vehicle technology: 2WD or 4WD, viscous coupling, proactive differentials (Haldex for example), electronic driving aids (ESP).

The vehicle runs on the chassis dynamometer as it would on the road under normal conditions. It doesn't trigger any safety systems or engage «limp home» operating modes that could distort the readings or even make them impossible in more severe cases ! Using a toothed belt is the solution to keep a perfect synchronization between front and rear rollers and maintenance is very easy compare to a hydraulic system. His low inertia design allows a very accurate and repetitive measurement.

Electric synchronization is not capable to follow fast transient and is causing power measurement issues by triggering the more and more sensitive electronics traction system. Our solution is proved since 2000 and faced no issue with the latest hybrid & electric vehicles technologies.



AUTOSCAN X2



Autoscan X2 is the two roller version of the X4 model. This version offers the same technology and the same performance as the Autoscan X4 and is primarily used for testing two-wheel drive vehicles for motorsports or cars not equipped with driver assistance or engine management safety systems.

Autoscan X2 also benefits from the low inertia «Fi technology». It is equipped with one air-cooled eddy current brake as standard, and can be equipped with an optional second eddy current machine.







Technical specifications

LOADING MACHINES

Autoscan Fi is a chassis dynamometer equipped with an eddy current brake located on the rear axle between the two rollers which from the outset ensures a high absorption power and the possibility of very precise control. To test very powerful vehicles or for long tests, it is possible to add a second eddy current brake to the Autoscan Fi. This additional brake is fitted to the side of version X2. For version X4, it can be placed either on the side or on the front axle, between the two rollers.





In the latter case (1 front brake and 1 rear brake), the user can adjust the load balance between the front and rear of the vehicle according to the technology tested (traction, driveshaft, all-wheel drive). The braking force can act either at the rear or at the front or it can even be distributed equally between the front and the rear.

This system makes Autoscan X4 particularly versatile and efficient: the capacity of the brakes is 100% available, without the torque limit constraints associated with other mechanical parts of the dynamometer and the braking force is directed where the vehicle delivers its power.



Asynchronous Dynamometer



Another possibility offered by Autoscan Fi is the addition of an asynchronous load unit on the side (rear roller) which is used to drive the vehicle. This additional module opens up new possibilities in the test fields of diagnostics, pollution control and, of course, the study of hybrid vehicle performance. It allows to check regenerative phase of ZEV and HEV vehicles.







MOTORBIKE - ATV COMPATIBILITY





AUTOSCAN Fi X2 and X4 Plus can accommodate motorcycles and quads (optional). A clutch is used to isolate the roller connected to the brake in order to reduce the inertia driven by the vehicle and to avoid applying too much resistance; which would inevitably cause wear or even permanent damage. A movable front support and rear straps ensure the stability of the motorcycle while an extension of the fan diffuser channels high speed cooling air to the engine. And, of course, protection covers are placed on the unused sections of the rotating roller.



Motorbike compatibility kit (Red parts).

For ATV, an adaptable front stand holds the vehicle while the second wheel is placed on a moving belt. Protective covers complete this system that can be implemented very quickly.



ATV compatibility kit (Red parts).



SIMPLE AND REPRESENTATIVE TESTS

Test procedures for every requirement

Whether it is to manually optimise mapping points, measure the performance of a vehicle under actual conditions, plot value curves for specifications (power, torque, temperatures, air/fuel ratio ...) or to perform a rolling test, Autoscan Fi offers simple procedures tailored to your technical requirements.



Why test an engine in transient mode?

On the road or on the track, engines run in transient mode almost constantly. It is therefore essential to reproduce this behaviour with the dynamometer in order to analyse real world engine conditions. This is why Autoscan Fi offers test procedures for acceleration under a load controlled by a look-up table.



Why apply a load based on a road load simulation?

A running road vehicle exerts apply on its environment to move forward, but it is also subject to resistance. The main sources of resistance are: the total weight of the vehicle to be driven, the resistance applied by the ground on the wheels, the aerodynamic drag generated by the speed and the gradient on which it travels. It is clear that a heavy and bulky vehicle will have more difficultly travelling on rough, sloping ground than a light and streamlined vehicle moving on smooth, flat ground.

To make matters more complicated, these resistive forces are not constant: they change depending on the vehicle speed and in a non-linear manner. Autoscan Fi uses a look-up table to control the brake load and thus create resistance on the dynamometer. These mathematical rules take into account the different parameters and how they change according to vehicle speed. In this way, the engine tested is subjected to the same resistance on the dynamometer as in the real world throughout its speed range.



ACCURATE AND REPEATABLE READINGS

Autoscan Fi uses accurate sensors :

360 measurement points for each turn of the rollers for the speed sensors and a 0.02% error factor for the force sensor that measures braking torque. Combined with fully digital data acquisition and brake control, the unit represent an extremely precise and stable measuring device: less than 0.1% overall error !

This technology ensures optimal measurement quality regardless of the vehicle speed and the accuracy of the results is independent from the level of power measured.





TIRE / ROLLER CONTACT

The quality of the tire/roller contact partially influences the accuracy and repeatability of the measurements while vehicle stability depends almost entirely on correct tire performance.

Rotronics has paid particular attention to these issues in the design of AutoScan Fi: knurled, large-diameter rollers for better grip and mono-rollers on each of the wheels to ensure that tire deformation is as natural as possible.

AN UNIVERSAL TEST BENCH









Low ground clearance

AutoScan Fi rollers are located at ground level and offer a single point of support for the tire. Accordingly, it is possible to install vehicles with low ground clearance while maintaining their original attitude. This feature makes AutoScan Fi a dynamometer with uniquely universal applications.

SAFETY

The safety of property and people should never be compromised : the rotating elements of the bench and the vehicles are inaccessible, automated procedures prevent the tests from starting until the all safety conditions have been met and the emergency braking acts almost instantly thanks to the low inertia technology.

However, these systems are not an obstacle to efficiency and are quick and easy to implement, adapting automatically to every vehicle.

Unique pneumatic front guiding rollers helps to install quickly the vehicle and you can keep it or lift it down during the test.





Full-featured and efficient software

Dynascan Advanced is Autoscan Fi X2 softyware . We optimise the user experience in the new version with easy and user friendly interface without cutting its features. Customizable charts are now available to tailor made your diagnostics.. A embedded video (that you can export) is also available.

User friendly powerful software

RESULTS PROCESSING

statistics.

external systems.

transfer.

Remote Assistance (Teamviewer)



Once the readings have been memorized, the results

can be displayed in the form of curves, tables or

Several recent or past tests can be superimposed and easily compared. The data can simply be stored or otherwise fed into a valuable customer database.

The results and configurable comments make up the test reports. They can be saved, printed or exported to

A test video recording can also be generated and

The AutoScan software package can be used in demo mode (cost free and installable any number of times), allowing anyone to read the results obtained on the test bench. This can be performed with a simple file

export to any storage (Hard disk, USB..)

VIDEO

You can monitor the car during the test, moreover you can add the video file to your customer report.

4WD Autoscan Fi versions uses Dynascan Premium with special features as power brake balance between rear and front rollers.



All in one software including customer report

100 (marzań VI)						_	_								
				/		20.		100							
			1		-			1	-						
				/											
		1	1						-						
		1 -	/						-						
	/	/	122.00												
		/							-						
	/ /	1													
1	/														
	/														
	1000	1000	-				_					A. 1 000000		Contraction of the local distance of the loc	2 10 10
	1 77. A	5 A										1/2/68	313-16-61	Distancent,	modrim
	201	Basel	-	6911											
=	and the second second	-			(Complete				-	110000-000	- MDA				_
				1.000	1 61					00	0				
	and the second	10000		1 1 60		20	305 1		- 12		1 14	1			
	13 - 544						0.	pt lang 1	witch that the		ion Output P				
	dia a Trib.	- 1 1 mile-	Grief			bid 1	terr ble	L 100 1	reit made	arrent f	en iseken	S patentels	8%		
	and the second					Long Street							1000 A		
		The Real Property lies:	-		-			-			-				7**
		4			(C	Come la	C.		J.	am		1			1
	+-Craine	Write	Controled	Example 1	Conscient	Address .	Lansde	Wheel	Linear	Expire had	bildin .	ttake	Ergine Vister	Ac Massa	Dynam
0	******	CAPACINE .	Tarrigue	Denat	Tanad	ajant		Strength	Address which			Bengerstate	Tergerature	- pur	ILVEN I
1400 1000 1000 2000	9279	+#	11 10	-	11.00	800	-		1011		~	*	4	-	-
HP.	1586	27.59	128.7	14.54	129.7	43.85		1989	1.82	-	6.18	22.54	47		3.771
	104	22,48	147.5	63.42	147.8	45.22		1762	10.000		8,12	21.24			13,888
undendaten :	1600	1000-	143.4	46.13	141.8	A 10		1943	14,200		1,34	24	10	-	1,844
undendaten :	1874	47	186.5	17.18	185.5	45.24		2/71	160		1,79	128	10		1.417
		2.0	227.4	49.72	227.4	40.7	-	2424	1.112		2.518	29	8		1,326
	1788											129	8		11.01
	1788		266.1												
nnzeichen :		17.07 14.34 77.44	265,1	82.65	268,8	82.41	-	2267	1,66	-	2,616	29	47		3.854
nnzeichen ; /ke :	1780	84.84			245			2001					12	1	
nnzeichen : wke :	1886	94,84 75,84	295	92.07	295	52.63		3628	11.818		2.6%	29	12	1	3,534
nnteichen : irke : idell :	1000 1000	94,84 75,86 80,81	295 310	91.03 135.0	285 310 156,8 251,8	52.43 54.05		5628	91510		2.6'4 2,6'4 2,6'4 2,6'4	2			1.534 1.520 1.524 1.725
nnteichen : irke : idell :	1/58 1886 1956	64,84 75,56 83,51 84,39	295 210 218,6	41.03 1356 1393	298 310 156,8	52.63 54.09 55.15		2028 2003 4028	1.888 2.263 2.641		2.6'6 2.6'6 2.6'6 2.6'8 2.6'8	25	10	8 8 8 8	3,534
nnteichen ; erke : sdell : bistungsdaton ;	1000 1000 1000 1000	94,84 77,86 85,81 91,38 92,49	248 510 116,6 521,8	41.63 1354 1393 107.1 1213 1213	285 236 256,8 261,8 261,1 266,2	52.63 5439 55.15 57.11		958 965 665 670 670 600	1 846 2 213 2 541 7 748 2 245 2 256		2.8% 2.8% 2.8% 2.8% 2.8% 2.8%	2222222	00000	8	3.534 3.529 1.524 1.725 1.533 1.546
nnteichen ; erke : sdell : bistungsdaton ;	1766 1860 1866 1866 2866 2966 2166	94, 54 75, 56 87, 51 97, 59 97, 59 97, 69 92, 5 90, 9 100, 5	298 376 1363 381,5 361,1 361,2 361,2 361,2 361,2 361,2 361,2	41.65 1394 1394 107.1 1213 1213 128.3 159	288 230 230,8 281,8 281,8 281,1 386,2 397,5	52.63 54.05 55.15 57.01 58.47 58.67 58.64 83.4		9638 3803 4028 4007 4049 4080 4080	1 885 2,253 2,541 7,548 2,545 2,355 2,355		2.5 % 2.5 % 2.5 % 2.5 % 2.5 % 2.5 % 2.5 %	7 7 7 7 7 7 7 7 7 7 7 7	000000	8	3.834 3.829 1.824 1.778 1.603 1.646 3.46
nnteichen ; erke : sdell : bistungsdaton ;	1/56 1880 1850 1850 1850 1850 2850 2850	100, 04 75, 54 87, 51 97, 55 97, 50 97, 50 9	298 218 218,8 201,8 201,8 201,8 201,8 201,8 201,8 201,8 201,9 200,9 200,9 200,9 200,9 2000	41.63 1354 1393 107.1 1213 1213	285 116 116,8 201,8 20,8 201,8 201,8 201,8 201,8 201,8 201,8	12.63 54.09 55.15 57.11 58.67 58.54 63.4 62.4		9598 5000 4005 4007 4010 4000 4000	1 890 2 2011 2 641 7 748 2 266 2 206 2 206 2 206 2 206 2 206		2.6% 2.6% 2.6% 2.6% 2.6% 2.6% 2.6% 2.6%	2222222	0 2 2 0 2 2 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.854 2.920 1.824 1.725 3.803 1.646 3.46 3.45
innteichen ; whe : odet: olstungsdaton ; w. Leintung :	(196 1860 1956 1956 2956 2956 2956 2156 2156 2156 2156 2156	98, 54 75, 56 85, 51 97, 59 97, 50 97, 50 97	288 546 118,8 341,8 341,8 341,8 341,8 341,8 341,3 341,3	41.65 1334 1394 107.1 1213 1213 1223 1223 122 122 122 122 12	298 156,8 256,8 261,8 261,1 268,2 267,5 267,5 267,5 267,5 267,5	12.63 54.15 54.15 57.11 58.61 58.64 63.4 63.4 62.66 64.52		958 963 407 470 436 436 436 436 436 436 436 436 436	1 880 2 261 2 641 7 748 2 545 2 345 2 345 2 345 2 345 2 345		2.6-6 2.6-6 2.6-6 2.6-6 2.6-6 2.6-6 2.6-6 2.6-6 2.6-6 2.5-6	7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	50250550	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3.854 3.920 1.824 1.728 1.933 1.946 3.46 3.46 1.30 1.303
innteichen ; whe : odet: olstungsdaton ; w. Leintung :	1760 1860 1960 1960 1966 2066 2066 2066 2186 2186 2186 2186 2186	98, 54 72, 56 82, 51 92, 55 92, 55 92	248 546 118,8 341,8 341,8 341,8 341,8 341,8 347,3 347,3 347,3 348	41.02 1954 1953 1071 1013 1013 1013 1013 1013 1013 101	288 134 136,4 281,5 281,5 281,5 287,5 287,5 287,5 287,5 287,5 287,5	12.63 54.15 57.11 52.61 52.61 53.6 63.4 63.4 62.56 61.4 62.56 61.75		9538 3803 603 6741 6385 6385 6385 6385 6461	1 280 2 261 2 561 2 564 2 566 2 566 2 566 2 566 2 566 2 566 2 566 2 566		2.618 2.618 2.619 2.618 2.618 2.618 2.618 2.618 2.618 2.618 2.618 2.618 2.618	28 28 28 28 28 28 28 28 28 28 28 28 28 2	4 5 8 2 5 8 2 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1.854 1.820 1.824 1.728 1.600 1.546 1.546 1.50 1.300 1.300 1.300 1.300
ume : enstylichen : arke : odelt : elisturgsdaten ; ex. Leietung ; lex. Drebnocment ;	7968 1869 1968 1968 2968 2968 2146 2146 2146 2146 2146 2146 2146 2146	66, 54 75, 56 87, 51 97, 55 97, 55 97	288 546 118,8 341,8 341,8 341,8 341,8 341,8 341,3 341,3	41.42 1934 1943 1943 1943 1943 1943 1943 1943	288 134 136,3 281,5 281,5 381,5 381,5 381,5 381,5 381,5	12.63 54.05 57.11 58.64 57.11 58.64 50.4 60.84 60.34 60.34 60.34 60.34 60.34 60.34		9528 2003 4028 4028 4027 4020 4020 4020 4020 4020 4020	1 886 2 325 2 544 2 544 2 546 2 545 2 545		2.6 8 2.6 6 2.6 6 2.6 8 2.4 8 2.4 8 2.4 8 2.6 8 2.6 8 2.6 8 2.6 8 2.5 8 2.5 8 2.5 8 2.5 8	73 23 25 25 25 25 25 25 25 25 25 25 25 25 25	50250550	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1,854 1,820 1,824 1,728 1,600 1,546 1,500 1,500 1,500 1,229 1,350
ronzeichen ; arka ; odett : ofstungsdaton ; ias. Leietung ; ias. Drehmsonent ;	1760 1860 1960 1960 1966 2066 2066 2066 2186 2186 2186 2186 2186	98, 54 72, 56 82, 51 92, 55 92, 55 92	248 546 118,8 341,8 341,8 341,8 341,8 341,8 347,3 347,3 347,3 348	41.02 1954 1953 1071 1013 1013 1013 1013 1013 1013 101	288 134 136,4 281,5 281,5 281,5 287,5 287,5 287,5 287,5 287,5 287,5	12.63 54.15 57.11 52.61 52.61 53.6 63.4 63.4 62.56 61.4 62.56 61.75		9538 3803 603 6741 6385 6385 6385 6385 6461	1 280 2 261 2 561 2 564 2 566 2 566 2 566 2 566 2 566 2 566 2 566 2 566		2.618 2.618 2.619 2.618 2.618 2.618 2.618 2.618 2.618 2.618 2.618 2.618 2.618	28 28 28 28 28 28 28 28 28 28 28 28 28 2	4 5 8 2 5 8 2 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1.854 1.820 1.824 1.728 1.600 1.546 1.546 1.50 1.300 1.300 1.300 1.300
innteichen ; whe : odet: olstungsdaton ; w. Leintung :	7968 1869 1968 1968 2968 2968 2146 2146 2146 2146 2146 2146 2146 2146	66, 54 75, 56 87, 51 97, 55 97, 55 97	248 240 118,6 241,8 241,8 241,8 241,8 241,8 241,3 241,3 241,3 241,9 241,9 241,9	41.42 1934 1943 1943 1943 1943 1943 1943 1943	288 134 136,3 281,5 281,5 381,5 381,5 381,5 381,5 381,5	12.63 54.05 57.11 58.64 57.11 58.64 50.4 60.84 60.34 60.34 60.34 60.34 60.34 60.34		9528 2003 4028 4028 4027 4020 4020 4020 4020 4020 4020	1 886 2 325 2 544 2 544 2 546 2 545 2 545		2.6 8 2.6 6 2.6 6 2.6 8 2.4 8 2.4 8 2.4 8 2.6 8 2.6 8 2.6 8 2.6 8 2.5 8 2.5 8 2.5 8 2.5 8	73 23 25 25 25 25 25 25 25 25 25 25 25 25 25	005825056		1.834 1.825 1.824 1.728 1.033 1.546 1.55 1.55 1.229 1.159

DATABASE

A database stores the identity of each customer, the associated model of vehicle and the technical specifications that are useful for the performance of the test. Its role is to archive the data and all the measurements along with the associated comments.

It is therefore possible to monitor the improvements of a vehicle over time, compare the results of different vehicles or compare the performance of the same model of vehicle used by different customers.

Terrer in the second se





CONTROL CABINET & ACQUISITION SYSTEM

Autoscan Fi is now featuring IMP (Multi Periphericals Interface).

This new component located in the control cabinet is collecting all measurements. Weather station for power correction, Air Intake pressure & temperature, coolant temperature, throttle position, Air intake Flow and two additionnals temperatures. These acquisitions are coming via OBD (Bluetooth) or Real analog Inputs.

IMP-A is also measuring a critical factor : Air Fuel Ratio or Richness. It comes with large bandwidth probe. A mechanical support to install on exhaust is also provided.

KRONOS LITE & IMP F

It is possible to upgrade IMP-A to IMP-F. This enhanced component is featuring 8 K Type thermocouples, 6 Analog inputs and 2 wide bandwidth Lambda (delivered). Of course it is also including weather station for power correction.

Kronos Lite software compare to standard Autoscan Fi allows tailor made setup. We can modify for you displays, add alarms thresholds, scales your analog inputs or even write some specific test procedures.

Dynosens customer service team is modifying the setup according to your specifications. You take advantage of a dedicated application with the same reliability then a factory setting without the needs of a specific training.



Accessories & Options

RADIO REMOTE

All the operations necessary for performing tests can be controlled by the user from the driver's seat. A wired remote control provides this function. As an option a radio remote control (wireless), avoid cable for more comfort.

WIRELESS OBD VEHICLE INTERFACE

Wireless OBD is standard feature of AutoScan Fi : You just plug the adapter to car's diagnostic port. the connection with the IMP is ready via bluetooth. AutoScan software is then collecting valuable datas without the needs of installing extra sensors : Engine rpm , throttle position, Air Intake flow, pressure and temperature regime as well as coolant temperature.



OPTIMAL COOLING

Cooling the vehicle on the test bench is essential for the safety of the equipment. Powerful fans (32,000 m3/h or 45,000 m3/h) perform this function and ensure a stable vehicle temperature, thus guaranteeing consistent readings. The fans are streamlined to perfectly distribute the airflow where it is needed to remove the heat.

CALIBRATION

The unit can be entirely calibrated by the user by means of simple and quick calibration procedures that are integrated into the software, thus allowing the measuring equipment to continue providing accurate and repeatable readings. The operation lasts no longer than 10 minutes.

EXHAUST GAS EXTRACTION

Autoscan Fi offers a powerful extractor for exhaust gases, adjustable in height and equipped with a wide collection scoop to ensure that the gas temperature is lowered by dilution. The extractor can thus be placed very close to the exhaust pipe and make efficient use of its airflow of 3,000 m3/h. A 5m special high temperature flexible pipe carries the gas out of your building.









Caractéristiques techniques

	AUTOSC	CAN Fi X2	AUTOSC	CAN Fi X4	AUTOSCAN Fi X4 +					
Numbers of Brake (up to 3)	1	2	1	2	1	2				
Maximum transient power	510 kW (700 HP)	740 kW (1000 HP)	550 kW (750 HP)	880 kW (1200 HP)	550 kW (750 HP)	880 kW (1200 HP)				
Constant capability (max 2 min)	250 kW (340 HP)	500 kW (680 HP)	250 kW (340 HP)	500 kW (680 HP)	250 kW (340 HP)	500 kW (680 HP)				
Electrical supply 220V single Phase	20 A	40 A	20 A	40 A	20 A	40 A				
Equivalent Mass	420 kg	450 kg	840 kg	890 kg	840 kg	890 kg				
Wheelbase (mini / maxi)		_	1700 / 2	2900 mm	2100 / 3300mm					
Motorbike Kit	op	tion	not av	vailable	option					
Standard motorcycle equivalent mass	23	0 kg		-	230 kg					
Low inertia motorcycle equivalent mass	95	i kg		-	95 kg					
ATV compatibility (requires motorcycle option)	op	tion	not av	vailable	option					
Max speed	300 km/h (option 400 km/h)									
Roller diameter	600 mm									
Track width (min / max)	1 040 / 2 140 mm									
Compressed Air	Dry Air 8 bars									



Options : IMP F / Kronos Lite / Wireless remote / Engine speed kit / Cooling Fan / Gas Extractor / Computer

/ Vehicle Kits















Computer minimal specifications :

Desktop or Mini-Computer running Windows Seven, 8 or 10 - LCD screen - 2 ethernet network boards Dynosens can deliver the computer as an option.

All our benchs are fully mounted & tested with vehicles in our factory. All calibrations are performed before shipping. Warranty: 1 year parts and manpower: Factory Return

Free Remote assistance during the warranty : Remote control and/or emailing.



DYNOSENS 110 rue des Vergers - Z.I. des Dragiez 74800 LA ROCHE SUR FORON - FRANCE

www.rotronics.com contact@rotronics.com Tel: +33 (0)4 50 03 08 59 - Fax: +33 (0)4 50 03 05 97