

Kawasaki

— ENGINES —

POWER YOU CAN **TRUST**



2-STROKE ENGINES
FOR PROFESSIONAL HANDHELD EQUIPMENT

YOUR 2-STROKE **WORKFORCE**



TJ53E



TJ45E



TJ35E



TJ27E



TJ23E

Kawasaki 2-stroke engines provide power you can rely on. Whatever equipment they power, whatever the task, you can depend on a Kawasaki engine to get the job done. Engineered for endurance and durability, these are engines you can trust to perform, day in, day out. After all, these are Kawasaki engines: known across the world as the professional's choice for quality and reliability.

POWER IN YOUR HANDS

DESIGNED FOR DURABILITY

Robust, long-lasting power for your machinery comes from our attention to detail: chrome plating inside the cylinder provides exceptional resistance to wear, high quality crankshaft bearings and crankcase seals maximise engine life. We offer an optional felt air filter on three models to guard against harsh environments. Even the fuel tank comes with a robust casing designed for continual commercial use.

NEW – HD CLUTCH

Our TJ53E Heavy Duty Clutch is now available to EU countries as an option for TJ35E and TJ45E models. It provides a more positive transfer of power, and even higher levels of durability, as a result of its sintered metal construction.

EASY TO OPERATE

Easy starting comes as standard thanks to the Kawasaki Advanced Recoil (KAR) starter and in-built systems for user-friendly priming, electronic ignition and choke/enrichment. With a lightweight design and class-leading power-to-weight ratio, our engines help operators make light work of tough tasks.

CREATED FOR COMFORT

Vibration is minimised, allowing operators to work more comfortably for longer. Custom-designed machining of our crankcases and crankshafts, dynamic balancing of the TJ53E flywheel, all reduce vibration and ensure the smoothest possible running.

NEW – LIGHT PULL RECOIL

Our highest specification TJ53E now comes with optional Light Pull Recoil. Employing a non-return system, this new recoil starter makes each job easier to start.

ENGINEERED FOR EFFICIENCY

Our engine design helps operators work more efficiently, saving cost, time and effort. Kawasaki stratified scavenging improves fuel efficiency by pulling fresh air through the engine on every cycle, with double piston rings to ensure the combustion chamber seal. A high capacity fuel tank allows professionals to work longer between fill-ups.

The power rating of the engines indicated in this brochure is the Net power rating tested on a production engine and measured in accordance with SAE J1349. Actual power output will vary depending on numerous factors, including, but not limited to, the operating speed of the engine in application, environmental conditions, maintenance, and other variables.

2-STROKE VERTICAL

TJ23V

Number of cylinders		1
Bore & Stroke	mm	32 x 28
Displacement	cm ³	22.5
Max power (Net)	kW	0.63
	hp	0.84
	rpm	8000
Max torque	Nm	0.94
	ft.lbs	0.69
	rpm	5000
Fuel tank capacity	ltrs	0.4
Dry weight	kg	2.3
Dimensions	L mm	223
	W mm	258
	H mm	186

OPTIONS

Centrifugal clutch	•
Front out exhaust	•



Providing all the performance and reliability you'd expect from Kawasaki in a lightweight and compact format, the TJ23V engine benefits from the key features of our horizontal models. For hedgetrimmer applications, it comes with the option of front-out exhaust and felt air filter as standard.

Powered by
Kawasaki

**EASY
START
SYSTEM**

**FUEL
EFFICIENT
ENGINEERING**

**DURABLE
ENGINE
DESIGN**

**RELIABLE
ENGINE
POWER**

A RANGE YOU CAN **DEPEND ON**

Kawasaki 2-stroke engines are designed to help professionals work better, more easily and more efficiently, with user-friendly technology and strength built-in.

		TJ53E	TJ45E	TJ35E	TJ27E	TJ23E
Number of cylinders		1	1	1	1	1
Bore & Stroke	mm	44 x 35	42.5 x 32	37 x 32	34 x 29	32 x 29
Displacement	cm ³	53.2	45.4	34.4	26.3	23.3
Max power (Net)	kW	2.0	1.42	1.03	0.77	0.63
	hp	2.68	1.90	1.38	1.03	0.84
	rpm	8500	7500	7000	7500	7500
Max torque	Nm	3.0	2.18	1.55	1.18	0.97
	ft.lbs	2.21	1.61	1.14	0.87	0.72
	rpm	5000	5000	5000	5000	5000
Fuel tank capacity	ltrs	1.1	0.9	0.7	0.5	0.5
Dry weight	kg	4.5	3.9	3.2	2.6	2.6
Dimensions	L mm	203	189	177	171	171
	W mm	290	264	262	254	246
	H mm	275	262	238	221	221
OPTIONS						
Engine kill switch		•	•	•	•	•
Felt air cleaner element				•	•	•
Backpack spec		•	•			
Shroud colour options		•	•	•	•	
Light Pull Recoil		•				
HD clutch			•	•		



Kawasaki engines are known around the world for their high build quality and exceptional reliability. Customers can be confident that a product Powered by Kawasaki will deliver power they can trust.

Our dedication to reliability continues throughout our aftersales services:

- An extensive Service Network of Authorised Dealers, supported by our training and systems, covering Europe, parts of the Middle East and Africa.
- Kawasaki Engines Genuine Parts, to keep your engine running to exact design specifications.
- A class leading Engine Warranty covering the first two years of use, with unlimited hours cover.



www.kawasaki-engines.eu    

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