

TIER **4**ir

400

Series



A truly global engine in an
ultra-compact package

 **Perkins**[®]

THE HEART OF EVERY GREAT MACHINE

We are committed to meeting our customers' needs around the world, which is why the 400 Series is a truly global engine.

Within its efficient, space-saving package the unique, Perkins-engineered core technology is designed to meet emissions legislation in all your markets. It's all about creating a cost-effective power solution that's small on size, big on flexibility and perfect for you.

Performance you can rely on

The 400 Series gives you a seamless power range, 10.2–49.2 kW (13.7–66 hp), while offering high torque at low speed. All our engines can be tailored to meet your exacting needs, with variable and fixed-speed packages, low fuel consumption and electronic governing for even better response and load acceptance.

When size matters

When you need power and reliability in even the smallest application, trust the 400 Series to deliver. Our talented teams of engineers have carefully designed every component to minimise space. As with all Perkins engines, each 400 Series model can be flexibly adapted to make installation and servicing easy.

Helping you meet the emissions challenge, affordably

If your key markets are North America or Europe you will be pleased to know the 400 Series meets stringent EPA Tier 4 Interim / EU Stage IIIA legislation. With the release of our latest model, the 400F, you will also meet the new EPA Tier 4 Final / EU Stage IIIB targets – set to start in 2013 for this power range.

As a Perkins customer, you are the most important person in our business and so the development of our technology is focused on what is right for you. The 400 Series is built on a common engine platform, which makes the transition to meet the new targets easy and cost-effective. It also has a unique design that requires minimum machine changes and lower development investment – keeping your costs down.

The 400 Series common technology platform means our latest 400F model can be adapted for lower emissions regulation. This gives you an engine with a high residual value if you wish to sell on at a later date into lesser regulated markets; making it an even more cost-effective and attractive option.

Factfile: 400 Series

Overview:	A versatile range of 2- 3- and 4-cylinder engines offering you desirable power in an ultra-compact package, with low ownership costs, high residual value and the ability to meet any emissions targets.
Power:	10.2–49.2 kW (13.7–66 hp)
Ideal for:	Small tractors, air compressors, mini excavators, skid-steer loaders, ride-on mowers and a wide range of other applications in the agricultural, lawn and garden, construction and materials handling industries.
Emissions:	All levels of emissions legislation and easily optimised for Tier 4 Final.



Auxiliary Power



Excavators



Mowers



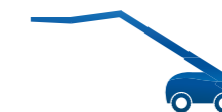
Trenchers



Skid Steer Loaders



Tractors



Access Platforms



Rollers

Full specifications available from your nearest distributor and at www.perkins.com or www.tier4air.com



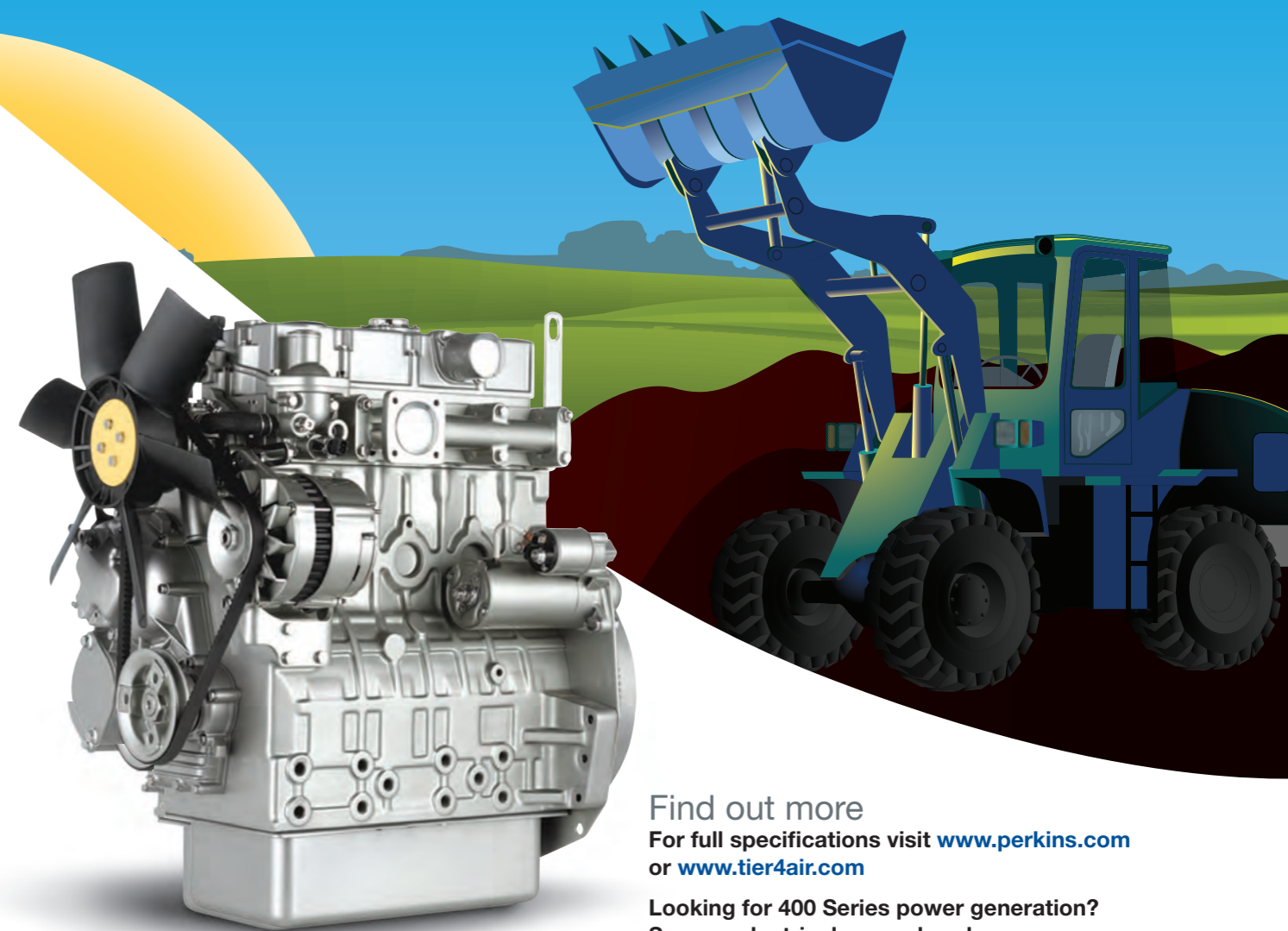
Your 400 Series

Offering you a super-compact design, great fuel efficiency and high performance, your 400 Series is available in a wide range of powers for all your applications.

Choose your perfect power solution

400 Series: EU Stage IIIA / EPA Tier 4 Interim
EU Stage IIIB / EPA Tier 4 Final – for legislation changes in January 2013

Model	Cylinder	Maximum power		Maximum torque		EPA Tier 4 Interim	EU Stage IIIA	EPA Tier 4 Final	EU Stage IIIB
		kW	hp	Nm	lb.ft				
402D-05	2	10.2	13.7	29.7	21.9	●	●		
402F-05	2	10.2	13.7	29.7	21.9			●	
403D-07	3	15.3	20.5	44.5	32.8	●	●		
403F-07	3	15.3	20.5	44.5	32.8			●	
403D-11	3	21.0	28.2	70.2	51.8	●	●		
403F-11	3	21.0	28.2	70.2	51.8			●	
403D-15	3	25.1	33.7	96.0	70.8	●	●		
403F-15	3	25.1	33.7	96.0	70.8			●	
403D-15T	3	30.0	40.2	111.9	82.5	●	●		
403F-15T	3	30.0	40.2	111.9	82.5			●	
403D-17	3	26.1	35.0	106.0	78.1	●	●		
404D-15	4	26.5	35.5	94.4	69.6	●	●		
404D-22	4	38.0	51.0	143.0	105.5	●	●		
404F-22	4	38.0	51.0	143.0	105.5			●	●
404D-22T	4	45.5	61.0	189.0	139.4	●	●		
404F-22T	4	45.5	61.0	189.0	139.4			●	●
404D-22TA	4	49.2	66.0	208.4	153.7	●	●		



Find out more
 For full specifications visit www.perkins.com
 or www.tier4air.com

Looking for 400 Series power generation?
 See our electrical power brochure
www.perkins.com/products

The 400 Series give you:

Customer benefits	400D	400F
Compact size and design	●	●
Simple installation, even in the smallest machines	●	●
Low noise and smoke levels	●	●
Competitive cost of ownership	●	●
Peace of mind with two-year / 2,000-hour warranty	●	●
500-hour service intervals	●	●
High resell value for lesser regulated markets		●
Automatic aftertreatment management		●
Improved fuel and oil consumption		●
A common platform, easily tailored to meet emissions targets anywhere in the world		●

You can always count on us



Our customers rely on us to deliver the highest standards of quality and innovation, which is why our engines are designed and built from close customer collaboration.

For some projects, customers are invited to one of our Technology Integration Workshops, where our engineers will work closely with you to understand your challenges and requirements, tailoring our technology for your specific applications.

It's an approach our customers find stimulating and productive, and one which can significantly reduce your development time and costs, ensuring a maximum return on investment.

Wherever you are in the world, you are always local to Perkins

To all our customers we make a simple promise: to keep your engines running wherever they are in the world.

With highly trained Perkins distributors in thousands of communities in over 180 countries, you are never far away from expert product knowledge, genuine parts and a range of advanced diagnostic technology for keeping your engine in peak condition.

We are committed to building long-lasting partnerships with you,

and our distributors understand the unique needs of the market you operate in.

Enjoy peace of mind with warranties and service contracts

A reputation is built on trust and reliability, which is why we provide one-year warranties for constant-speed engines and two-year warranties for variable speed models, as standard. These are supported by multilevel Extended Service Contracts that can be bought additionally and are tailored to suit your needs, offering extra reassurance that your engine is well cared for.

We go the extra distance to bring you unrivalled service. That's why our UK and Singapore parts distribution centres operate around the clock, guaranteeing direct delivery of genuine Perkins parts wherever you are in the world.



Discover more

To find out how Perkins can help transform your business and to download detailed engine specification sheets, please visit www.perkins.com

Other useful links

www.perkins.com/distributor

To find your local Perkins distributor.

www.tier4air.com

Learn more about how our innovative technology is leading the way to bring you cleaner, higher performing engines.



Asia

Singapore

Perkins Engines (Asia Pacific) Pte Ltd
14 Tractor Road
Singapore 627973
Tel: +65 6828 7469
Fax: +65 6828 7414

China

Perkins Industrial Power Systems-Shanghai
Room 2103, Lei Shing International Plaza,
1319 West Yan'an Road,
Shanghai 200050
China
Tel: +86 21 2216 0704
Fax: +86 21 5213 6624

Americas

North America

Perkins Engines Inc
N4 AC 6160
PO Box 610
Mossville, IL 61552-0610, USA
1-888-PERK-ENG
Tel: +1 309 578 7364
Fax: +1 309 578 7329

South America

Perkins Motores do Brasil Ltda
Rua Alexandre Dumas, 1711 Ed. Birman 11
9º andar, Chácara Santo Antonio
São Paulo / SP - Brasil
Cep: 04717-004
Tel: +55 11 2109 2038
Fax: +55 11 2109 2089

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Europe, Middle East and Africa

Perkins Engines Company Limited
Peterborough PE1 5NA
United Kingdom
Telephone +44 (0)1733 583000
Fax +44 (0)1733 582240

www.perkins.com