



DEUTZ

POWER SOLUTIONS



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DEUTZ at a Glance

DEUTZ AG, a publicly traded company headquartered in Cologne, Germany, is one of the world's leading manufacturers of innovative drive systems.

Founded in 1864 in Cologne, DEUTZ AG is the world's oldest engine company. Its core competences are the development, production, distribution and servicing of diesel, gas and electric engines for professional applications.

It offers a broad range of engines delivering up to 620 kW that are used in construction equipment, agricultural machinery, material handling equipment, stationary equipment, commercial vehicles, rail vehicles and other applications.

DEUTZ AG has around 4,700 employees worldwide and over 800 sales and service partners in more than 130 countries.

DEUTZ Asia-Pacific (Pte) Ltd is the regional Headquarters of the Asia-Pacific region, offering new and Xchange engines, spare parts and power generators. It has trained personnel, facilities and expertise to cover all aspects of marketing and technical support.



FUTURE DRIVEN.

ENGINE TECHNOLOGY FOR TOMORROW.

Leading manufacturers build on the innovative capability of a strong brand and choose flexible, compact engine systems from DEUTZ. Our wide range of products with engines from 25 to 620 kW already meets tomorrow's emission limits. What that means for you: maximum planning security and greater flexibility in development and production. Take advantage of our technological edge.

OUR PROMISE YOUR FLEXIBILITY

We've kept our promise to ensure your company's success.

With smart solutions for exhaust after-treatment, DEUTZ engines guarantee reliable, sustainable operation, as well as the highest degree of flexibility for our customers.

In fact, our engines have received global certification for meeting EU Stage V exhaust emission standards that go into effect in January 2019. As a result, you can rest easy installing DEUTZ diesel engines in your machines now and in the months or years to come. Profit from our expertise!



STAGE V certified®: DEUTZ AG is the first engine manufacturer worldwide to be awarded the official certificate for meeting the latest exhaust emission standard, EU Stage V. This standard will go into effect January 2019.

DEUTZ ENGINE APPLICATIONS

Mobile Machinery

- Construction Equipment
- Material Handling
- Ground Support Equipment [GSE]
- Mining Equipment

Agricultural Machinery

- Tractors
- Agricultural Equipment

Automotive

- Trucks
- Airport Buses
- Rail Vehicles
- Special Application Vehicles

Marine

- Onboard generators
- Propulsion

Stationary Equipment

- Gen-sets
- Pumps
- Compressors
- Welding sets
- Port Crane



DEUTZ POWER SOLUTIONS

DEUTZ POWER SOLUTIONS branded complete power generators are designed precisely to meet market requirements, under extreme condition and combining top quality at reasonable overall cost.

Manufactured and tested by DEUTZ. Customers can be assured of its quality, performance & reliability.

The DPS package includes various features and allows customization to meet any application requirements.

- OEM complete Power Generator (Gen-set) manufacturer & solutions provider
- Power node range from 17kva – 2200 kva
- Powered by reputable DEUTZ Engine [17kva - 500kva]
- Customized solution catered to Industrial, Telecommunication and other special application.
- Supported by Worldwide DEUTZ Service Network
- Reliable & Trusted Brand
- Pursued by Customer that commands Quality

DEUTZ POWER SOLUTIONS

Our Commitment.Your Solution

- ✓ Reliable and durable
- ✓ Low fuel consumption with optimised combustion
- ✓ Up to 1000 hours maintenance intervals
- ✓ Immediate power supply due to superior load response
- ✓ Minimised running costs due to low maintenance and little wear
- ✓ DEUTZ oil-cool engine with no corrosion or cavitation due to oil cooling and lubrication
- ✓ Best cold starting performance even under extreme conditions with robust DEUTZ air-cool engine design



DEUTZ ENGINE

PORTFOLIO. GEN SET APPLICATIONS

Engines ≤ EU Stage II / Tier 2														
Engine Type	Gov.	Net flywheel power (kW acc. to ISO 3046)						typ. gen. efficiency	Bore/Stroke	Displacement	Dimensions			Cooling System
		50 Hz/1500 rpm / kW			60 Hz/1800 rpm / kW						Lenght	Width	Height	
		COP (1)	PRP (2)	LTP (3)	COP (1)	PRP (2)	LTP (3)							
								Σ	mm	l	mm	mm	mm	-
F 2 L 2011	mec	11	12	13	14	14	15	0,90	94/112	1,55	645	588	707	air
F 3 L 2011	mec	18	19	20	22	23	24	0,90	94/112	2,33	756	588	701	air
F 4 L 2011	mec	26	28	29	31	33	35	0,90	94/112	3,11	868	588	722	air
BF 4 L 2011	mec	35	37	38	41	44	46	0,90	94/112	3,11	778	531	704	air
F 2 M 2011	mec	12	12	13	14	15	16	0,90	94/112	1,55	845	643	762	oil
F 3 M 2011	mec	19	20	21	22	23	25	0,90	94/112	2,33	956	616	761	oil
F 4 M 2011	mec	28	29	31	32	33	35	0,90	94/112	3,11	1067	616	778	oil
BF 4 M 2011	mec	37	39	41	43	45	47	0,90	94/112	3,11	1080	649	787	oil
BF 4 M 2011 C	mec	51	53	56	57	60	64	0,90	94/112	3,11	1080	649	787	air
F 3 L 912	mec	27	28	29	31	32	34	0,86	102/132	3,23	697	679	796	air
F 4 L 912	mec	35	37	39	42	44	46	0,88	102/132	4,31	807	679	796	air
F 6 L 912	mec	53	55	58	63	66	69	0,89	102/137	6,47	1084	679	806	air
F 3 L 914	mec	32	33	35	37	39	41	0,86	102/132	3,24	703	680	800	air
F 4 L 914	mec	42	44	46	49	52	54	0,89	102/132	4,31	777	704	796	air
BF 4 L 914	mec	58	60	63	69	72	76	0,90	102/132	4,31	902	690	853	air
F 6 L 914	mec	63	66	69	74	78	82	0,90	102/132	6,47	1057	704	810	air
BF 6 L 914	mec	89	93	98	108	112	118	0,90	102/132	6,47	1387	740	995	air
BF 6 L 914 C	mec	124	129	136	140	146	154	0,90	102/132	6,47	1387	740	995	air
BF 4 M 2012 C	EMR	64	71	75	75	79	88	0,9	101/126	4,04	1379	733	971	water
BF 4 M 1013 E	EMR	77	81	85	81	85	89	0,92	108/130	4,76	1177	652	952	water
BF 4 M 1013 EC	EMR	92	97	102	100	105	110	0,92	108/130	4,76	1318	739	1001	water
BF 4M 1013 FC	EMR	106	117	129	112	124	136	0,92	108/130	4,76	1572	886	1073	water
BF 6 M 1013 E	EMR	116	122	128	122	128	134	0,92	108/130	7,15	1462	678	1052	water
BF 6 M 1015 C	EMR	285	315	345	271	310	341	0,95	132/145	11,9	1635	1315	1865	water
BF 6 M1015 CP	EMR	303	338	365	320	351	384	0,95	132/145	11,9	1635	1515	1925	water
BF 8 M 1015 C	EMR	372	413	459	362	413	454	0,95	132/145	15,9	1750	1515	1740	water
BF 8 M 1015 CP	EMR	399	448	490	426	473	517	0,95	132/145	16	1750	1815	1850	water

Engines EU Stage III A / Tier 3														
Engine Type	Gov.	Net flywheel power (kW acc. to ISO 3046)						typ. gen. efficiency	Bore/Stroke	Displacement	Dimensions			Cooling System
		50 Hz/1500 rpm / kW			60 Hz/1800 rpm / kW						Lenght	Width	Height	
		COP (1)	PRP (2)	LTP (3)	COP (1)	PRP (2)	LTP (3)							
								Σ	mm	l	mm	mm	mm	-
D 2011 L i	mec	12	12	13	-	-	-	-	94/112	1,60	645	590	705	oil
D 2011 L i	mec	18	19	20	-	-	-	-	94/112	2,30	755	590	705	oil
D 2011 L	mec	12	12	13	-	-	-	-	94/112	1,60	845	645	760	oil
D 2011 L	mec	19	20	21	-	-	-	-	94/112	2,30	955	645	760	oil
TCD 2013 L4 2V	EMR	90	95	100	103	109	114	0.93	108/130	4.76	1589	880	1247	water
TCD 2013 L6 2V	EMR	136	144	151	156	165	174	0.93	108/130	7.15	1909	880	1263	water
TCD 2013 L6 4V	EMR	226	238	251	234	248	260	0.93	108/130	7.15	1865	1046	1322	water

Power reduction caused by altitude and temperature possible.

1) Continuous power 100% available at flywheel, no time limitation, plus 5% extra power for governing purposes.
2) Prime power 100%, permissible average power output equal to or below 60%, no time limitation plus 5% extra power for governing purposes. Permissible average power output equal to or below 80% for engine families 1015, plus 10% resp. 5% extra power for governing purposes.
3) Limited-time running power 100%, which can be delivered during 500 running h/a, there of max. 300 running h/a continuously, no overload permissible, the required extra power for governing purposes must be taken into account however.
Note: The engine dimensions and weights vary depending on the scope of delivery.
For more information please contact the DEUTZ AG or the responsible sales partner.



Low noise emissions due to acoustically optimized components with smooth running and high durability.

Best cold starting performance even under extreme conditions.

Available with an electronic motor regulator (EMR) to allow easy integration into the electronic device control and monitoring system.

DEUTZ
POWER SOLUTIONS

DEUTZ QUALITY

- **Products compliant with ISO 8528 standards. Base-frame made from top quality S235JR steel in accordance with UNI EN 10025-95.**
- **Built using modular elements that are assembled together using special structural rivets; this technique allows welding to be eliminated and to fully coat every part before assembly, thereby increasing durability.**
- **Automated Laser cutting , bending and welding, state of art facilities to ensure the quality and consistency that we deliver the excellence .**
- **The sound-absorbing insulation is made using specific materials obtained from adequately roughed, layered and thermally-bound Polyester fibres. All sound absorbing materials are fire-reaction Euroclass Bs2D0.**



- **Powered by DEUTZ engine made in Germany.**
- **Assembled & Tested in Europe**
- **Galvanized sheet steel ; Zinc thickness 20 micron. The painting process is preceded by a phospho degreasing cycle with a demineralised water rinse and dried.**
- **Each part is painted with thermosetting powders that are specifically selected for their high resistance to atmospheric agents.**
- **Minimum paint thickness is 70 Micron. Durability Class is C3-M according UNI EN ISO 12944-2**
- **Options to equip with retention basin and fuel leakage sensor to prevent possible oil / fuel / coolant leakages.**

DPS GENSET MODELS

We care. We support. We deliver.
DEUTZ SERVICE.

DPS MODEL	ENGINE MAKE	ENGINE MODEL	50 Hz / 1500rpm		60 Hz / 1800rpm		Gov	COOLING
			PRP [kVA]	LTP [kVA]	PRP [kVA]	LTP [kVA]		
DPS 30E	DEUTZ AG	F3L912	30.0	33.0	35.0	38.5	Mech	Air
DPS 40E	DEUTZ AG	F4L912	40.0	44.0	47.0	51.7	Mech	Air
DPS 60E	DEUTZ AG	F6L912	60.0	66.0	72.0	79.2	Mech	Air
DPS 12E	DEUTZ AG	F2M2011	12.5	13.8	16.0	17.6	Mech	Oil
DPS 20E	DEUTZ AG	F3M 2011	20.0	22.0	25.0	27.5	Mech	Oil
DPS 30E	DEUTZ AG	F4M 2011	30.0	33.0	37.0	40.7	Mech	Oil
DPS 40E	DEUTZ AG	BF4M 2011	40.0	44.0	48.0	52.8	Mech	Oil
DPS 60E	DEUTZ AG	BF4M 2011C	60.0	66.0	63.0	69.3	Mech	Oil
DPS 75E	DEUTZ AG	BF4M 2012 C	76.0	83.6	80.0	88.0	EMR	Water
DPS 100E	DEUTZ AG	BF4M 1013EC	100.0	110.0	106.0	116.6	EMR	Water
DPS 130E	DEUTZ AG	BF4M 1013FC	130.0	143.0	130.0	143.0	EMR	Water
DPS 160E	DEUTZ AG	BF6M 1013EC	160.0	176.0	168.0	184.8	EMR	Water
DPS 200E	DEUTZ AG	BF6M 1013FCG3	200.0	220.0	220.0	242.0	EMR	Water
DPS 250E	DEUTZ AG	TCD2013LO64V	250.0	275.0	267.0	293.7	EMR	Water
DPS 300E	DEUTZ AG	BF6M 1015 C G1	315.0	346.5	335.0	368.5	EMR	Water
DPS 380E	DEUTZ AG	BF6M 1015 CP	380.0	418.0	390.0	429.0	EMR	Water
DPS 430E	DEUTZ AG	BF8M 1015 C G1	430.0	473.0	462.0	508.2	EMR	Water
DPS 500E	DEUTZ AG	BF8M 1015 CP	500.0	550.0	530.0	583.0	EMR	Water
DPS 590E	VOLVO PENTA	TAD 1642GE	591.0	650.1	600.0	660.0	EMS	Water
DPS 650E	VOLVO PENTA	TWD 1644GE	650.0	715.0	685.0	753.5	EMS	Water
DPS 700E	VOLVO PENTA	TWD 1645GE	700.0	770.0	730.0	803.0	EMS	Water
DPS 800E & ABOVE	. ACCORDING TO CUSTOMER SPECIFICATION / CUSTOMISED SOLUTIONS . PLEASE CONTACT YOUR LOCAL DPS REPRESENTATIVE .							

DEUTZ SPARE PARTS

Technical and economical first choice
DEUTZ original parts allow maximum performance and lifetime

DEUTZ MAINTENANCE

Optimal protection and performance
Regular and careful maintenance ensures the viability and value retention of the engine

DEUTZ Xchange

The fast and economical alternative
DEUTZ Xchange engines and parts match in all respects to the original

DEUTZ Service Network

Worldwide at your side
Worldwide DEUTZ service network for comprehensive customer care in the field

DEUTZ Emission Management

Efficient and flexible
DEUTZ meets the increasing demands on the exhaust aftertreatment

DEUTZ Engine Plus

Service around your engine
DEUTZ offers support before and after the engine sale from individual application engineering to retrofitting of additional components

DEUTZ E-Services

Service online, 24 hours a day
Fast and direct access to relevant information from spare parts online shop
DEUTZ P@rts to online registration of the engine



It is our philosophy that business relations do not end with the sale of an engine. Quite the contrary: A successful and co-operative business relationship requires mutual respect and an understanding of the individual needs, as well as the ability to find quick and competent solutions - at every stage of the engine's life cycle!

For this reason, Service at DEUTZ means Life Time Support: We offer an extensive portfolio of services and products to help maximize your DEUTZ engine's performance! Our goal is to increase your competitiveness - by providing you a high quality product, reliability and exemplary cost-effectiveness.

DEUTZ has 800 sales and service partners in more than 130 countries. Locate your nearest service partners at www.deutz.com.sg/network

TRUSTED BY QUALITY CUSTOMERS

LOCATIONS

DEUTZ Production and Service Network



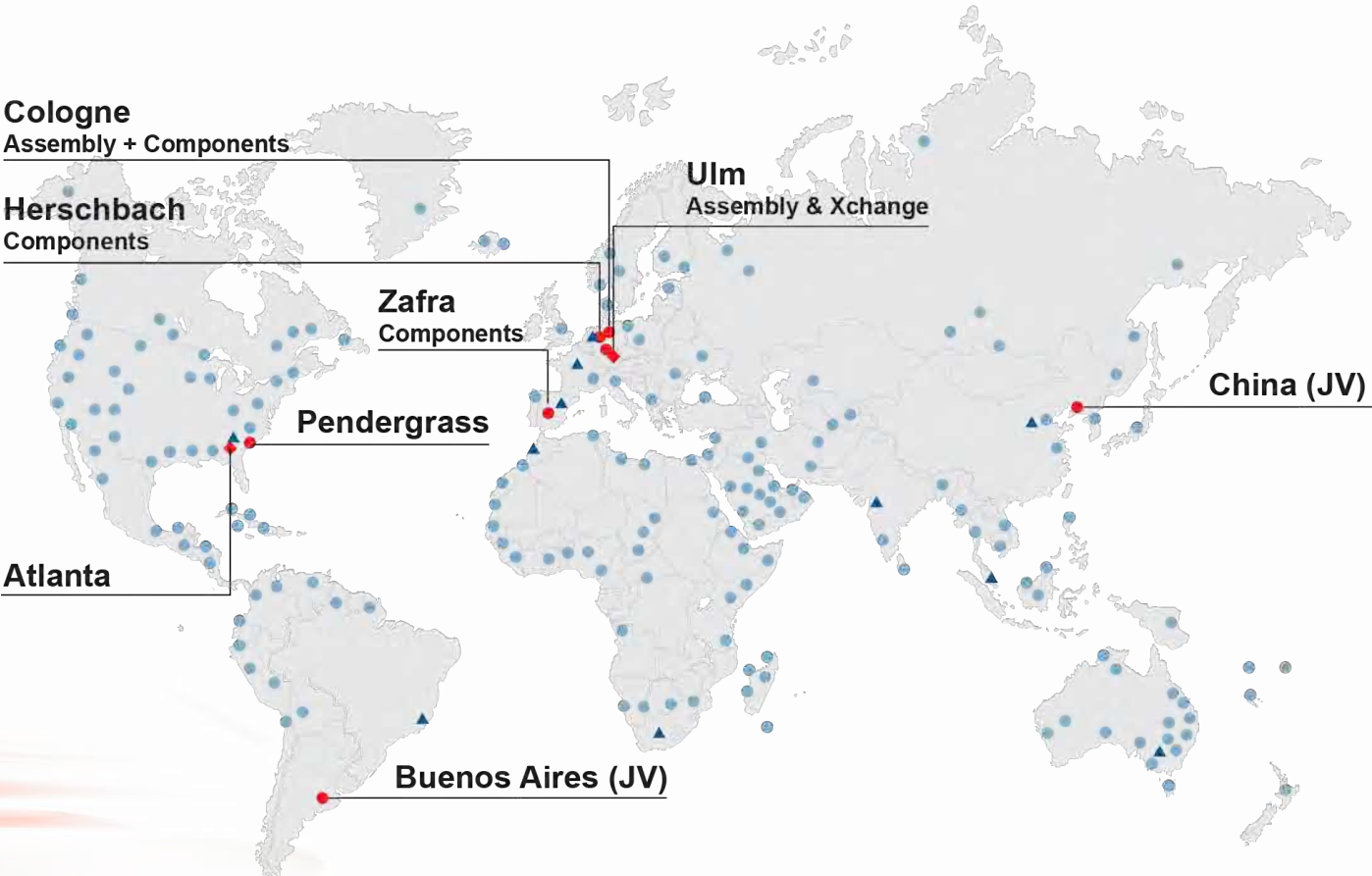












- ▲ 10 Sales Companies
- ◆ 2 Xchange Centres
- 7 Production Sites
- 9 Sales Offices, 16 Service Centres, 800 Sales and Service Partners in more than 130 countries

Find your service provider in your country
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