

STAGE V



EMISSION
INFORMATION



INFORMATIONS
SUR LES ÉMISSIONS



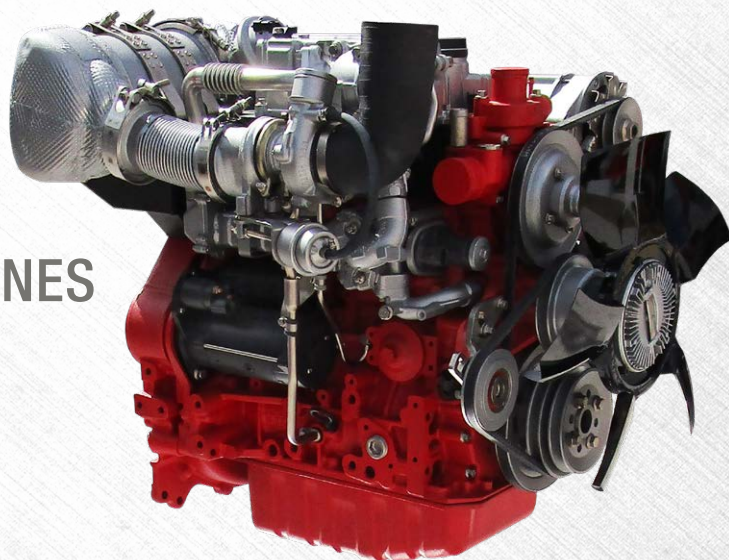
EMISSIONS-
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INFORMACIÓN
SOBRE LAS EMISIONES



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GENIE CHOICE FOR CLEANER MACHINES

When Stage V engine standards took effect as of January 1, 2019, it impacted the majority of Genie® machines, including Genie GTH™ telehandlers, all Diesel (or IC) powered Genie S® telescopic and Genie Z® articulated boom lifts and Genie GS™ rough-terrain scissor lifts.

Complying with the stringest emissions regulations

Machine Model	Engine	Power rating	Net power range Stage V Limits	CO	HC	NOx	PM	PN
	Kraftfahrt-Bundesamt Type approval	kW (Hp)	kW	g/kWh			1/kWh	
• GS-XX69 Bi-Energy	Kohler · KD15-350GE530 E9*2016/1628*2016/1628EC1/D*3002*00	4.8 (6.5)	P < 8	8.00	7.50	0.40	-	
• Z-45 Bi-Energy	Kubota · Z482 NA	8.3 (11.2)	8 < P < 19	6.60	7.50	0.40	-	
• GS-XX69 • Z-60 FE, Z-45 FE, Z-34 IC, • S-60 J (25 Hp)	Kubota · D1105 E1*2016/1628*2016/1628EV2/D*0010*04	19 (25.8)	8 < P < 19	6.60	7.50	0.40	-	
• S-60 J (49 Hp), S-80 J	Kubota · D1803 NA	36 (49)	19 < P < 37	5.00	4.70	0.015	1x10 ¹²	
• S-60 J, S-45 XC, S-45 XC TRAX, S-65 XC • Z-45 XC, Z-51, Z-62	Deutz · TD2.2 E1*120R02/00*0250*00	36 (49)	19 < P < 37	5.00	4.70	0.015	1x10 ¹²	
• S-65 XC TRAX • Z-62 TRAX		44 (60)	37 < P < 56	5.00	4.70	0.015	1x10 ¹²	
• S-85 XC and all SX booms • Z-80, ZX-135	Deutz · TCD2.2 E1*120R01/00*0238*00	55.4 (75)	37 < P < 56	5.00	4.70	0.015	1x10 ¹²	
• GTH-2506, GTH-3007	Deutz · TD2.9 E1*120R01/00*0239*00	55.4 (75)	37 < P < 56	5.00	4.70	0.015	1x10 ¹²	

The exclusive Genie Stage V solution uses “smart regeneration” technology that gives Genie equipment owners and operators peace of mind. They do not have to worry about how to manage the regeneration process – we’ve made it so that the Genie machine does it for them.

 <p>Smart Regeneration</p>	 <p>Eco-Friendly, Less Emissions</p>	 <p>Low Noise</p>
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LE CHOIX DE GENIE POUR DES MACHINES PLUS PROPRES

Quand la norme de motorisation Stage V a pris effet le 1er janvier 2019, elle a impacté la majorité des machines Genie®, dont les chariots télescopiques Genie GTH™, les nacelles Genie S® et Genie Z® les plus puissantes et les ciseaux tout-terrain Genie GS™.

En conformité avec les réglementations les plus strictes en termes d'émissions

Modèle de la Machine	Modèle du Moteur	Puissance	Gamme de puissance nette Limites de Stage V	CO	HC	NOx	PM	PN
• GS-XX69 Bi-Energy	Kohler · KD15-350GE530 E9*2016/1628*2016/1628EC1/D*3002*00	4,8 (6,5)	P < 8	8,00	7,50	0,40	-	-
• Z-45 Bi-Energy	Kubota · Z482 NA	8,3 (11,2)	8 < P < 19	6,60	7,50	0,40	-	-
• GS-XX69 • Z-60 FE, Z-45 FE, Z-34 IC, • S-60 J (25 Hp)	Kubota · D1105 E1*2016/1628*2016/1628EV2/D*0010*04	19 (25,8)	8 < P < 19	6,60	7,50	0,40	-	-
• S-60 J (49 Hp), S-80 J	Kubota · D1803 NA	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	1x10 ¹²
• S-60 J, S-45 XC, S-45 XC TRAX, S-65 XC • Z-45 XC, Z-51, Z-62	Deutz · TD2.2 E1*120R02/00*0250*00	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	1x10 ¹²
• S-65 XC TRAX • Z-62 TRAX		44 (60)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	1x10 ¹²
• S-85 XC and all SX booms • Z-80, ZX-135	Deutz · TCD2.2 E1*120R01/00*0238*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	1x10 ¹²
• GTH-2506, GTH-3007	Deutz · TD2.9 E1*120R01/00*0239*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	1x10 ¹²

La solution exclusive de motorisation Genie Stage V offre une technologie de “régénération intelligente” qui amène de la tranquillité d’esprit aux propriétaires et aux opérateurs. Ils n’ont pas à gérer le processus de régénération sur les moteurs Stage V, puisque nous avons fait en sorte que la machine le fasse pour eux.

 Régénération Intelligente	 Eco-Responsable, Moins d'Émissions	 Faible Niveau Sonore
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DIE WAHL VON GENIE FÜR UMWELTFREUNDLICHERE MASCHINEN

Als die Normen der Stufe V am 1. Januar 2019 in Kraft traten, betrafen sie den Großteil der Genie® Maschinen, beispielsweise die Genie GTH™ Teleskopstapler, die Genie S® und Genie Z® Diesel-Arbeitsbühnen sowie die geländegängigen Genie GS™ Diesel-Scherenarbeitsbühnen.

Einhaltung der strengsten Emissionsvorschriften

Maschinenmodell	Motortyp	Leistung	Netto-Leistungsbereich Stufe V Grenzwerte	CO	HC	NOx	PM	PN
• GS-XX69 Bi-Energy	Kohler · KD15-350GE530 E9*2016/1628*2016/1628EC1/D*3002*00	4,8 (6,5)	P < 8	8,00	7,50	0,40	-	-
• Z-45 Bi-Energy	Kubota · Z482 NA	8,3 (11,2)	8 < P < 19	6,60	7,50	0,40	-	-
• GS-XX69 • Z-60 FE, Z-45 FE, Z-34 IC, • S-60 J (25 Hp)	Kubota · D1105 E1*2016/1628*2016/1628EV2/D*0010*04	19 (25,8)	8 < P < 19	6,60	7,50	0,40	-	-
• S-60 J (49 Hp), S-80 J	Kubota · D1803 NA	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	-
• S-60 J, S-45 XC, S-45 XC TRAX, S-65 XC • Z-45 XC, Z-51, Z-62	Deutz · TD2.2 E1*120R02/00*0250*00	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	-
• S-65 XC TRAX • Z-62 TRAX		44 (60)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	-
• S-85 XC and all SX booms • Z-80, ZX-135	Deutz · TCD2.2 E1*120R01/00*0238*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	-
• GTH-2506, GTH-3007	Deutz · TD2.9 E1*120R01/00*0239*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	-

Als exklusives Merkmal der Genie Stufe-V-Motorenlösung verfügen diese Motoren über eine innovative „intelligente Regeneration“ Technologie. Dank dieser Funktion müssen sich Besitzer und Bediener der Genie Maschinen keine Gedanken über den Regenerationsvorgang an Motoren der Stufe V machen – darum kümmert sich die Maschine selbst.





LA ELECCIÓN DE GENIE PARA MÁQUINAS MÁS LIMPIAS

Cuando el 1 de enero de 2019 entró en vigor la normativa de motores fase V, tuvo un efecto en la mayor parte de las máquinas Genie®, incluyendo los manipuladores telescópicos Genie GTH™, las plataformas elevadoras Genie S® y Genie Z® de mayor potencia y plataformas de tijera todoterreno Genie GS™.

Cumpliendo con las más estrictas regulaciones de emisiones

Modelo de la máquina	Modelo del motor	Potencia nominal	Rango de potencia neta Límites de la Fase V	CO	HC	NOx	PM	PN
	Kraftfahrt-Bundesamt Aprobación de tipo	kW (CV)	kW	g/kWh			1/kWh	
• GS-XX69 Bi-Energy	Kohler · KD15-350GE530 E9*2016/1628*2016/1628EC1/D*3002*00	4,8 (6,5)	P < 8	8,00	7,50	0,40	-	
• Z-45 Bi-Energy	Kubota · Z482 NA	8,3 (11,2)	8 < P < 19	6,60	7,50	0,40	-	
• GS-XX69 • Z-60 FE, Z-45 FE, Z-34 IC, • S-60 J (25 Hp)	Kubota · D1105 E1*2016/1628*2016/1628EV2/D*0010*04	19 (25,8)	8 < P < 19	6,60	7,50	0,40	-	
• S-60 J (49 Hp), S-80 J	Kubota · D1803 NA	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	
• S-60 J, S-45 XC, S-45 XC TRAX, S-65 XC • Z-45 XC, Z-51, Z-62	Deutz · TD2.2 E1*120R02/00*0250*00	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	
• S-65 XC TRAX • Z-62 TRAX		44 (60)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	
• S-85 XC and all SX booms • Z-80, ZX-135	Deutz · TCD2.2 E1*120R01/00*0238*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	
• GTH-2506, GTH-3007	Deutz · TD2.9 E1*120R01/00*0239*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	

La exclusiva solución de motor fase V Genie utiliza la tecnología de “regeneración inteligente” que ofrece tranquilidad a los propietarios y operarios de equipos Genie. No necesitan preocuparse por cómo gestionar el proceso de regeneración de los motores, ya que las máquinas lo hacen por sí solas.





LA SCELTA GENIE PER MACCHINE PIÙ PULITE

Quando gli standard dei motori Stage V sono entrati in vigore il 1° gennaio 2019, hanno avuto un impatto sulla maggior parte delle macchine Genie®, inclusi i sollevatori telescopici Genie GTH™, le piattaforme a braccio diesel Genie S® e Genie Z® e le piattaforme a forbice per terreni fuoristrada Genie GS™.

Conformità alle più rigorose normative sulle emissioni

Modello di Macchina	Modello di Motore	Potenza Nominale	Limiti range di potenza netta Stage V	CO	HC	NOx	PM	PN
	Kraftfahrt-Bundesamt Omologazione	kW (Hp)	kW	g/kWh			1/kWh	
• GS-XX69 Bi-Energy	Kohler · KD15-350GE530 E9*2016/1628*2016/1628EC1/D*3002*00	4,8 (6,5)	P < 8	8,00	7,50	0,40	-	
• Z-45 Bi-Energy	Kubota · Z482 NA	8,3 (11,2)	8 < P < 19	6,60	7,50	0,40	-	
• GS-XX69 • Z-60 FE, Z-45 FE, Z-34 IC, • S-60 J (25 Hp)	Kubota · D1105 E1*2016/1628*2016/1628EV2/D*0010*04	19 (25,8)	8 < P < 19	6,60	7,50	0,40	-	
• S-60 J (49 Hp), S-80 J	Kubota · D1803 NA	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	
• S-60 J, S-45 XC, S-45 XC TRAX, S-65 XC • Z-45 XC, Z-51, Z-62	Deutz · TD2.2 E1*120R02/00*0250*00	36 (49)	19 < P < 37	5,00	4,70	0,015	1x10 ¹²	
• S-65 XC TRAX • Z-62 TRAX		44 (60)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	
• S-85 XC and all SX booms • Z-80, ZX-135	Deutz · TCD2.2 E1*120R01/00*0238*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	
• GTH-2506, GTH-3007	Deutz · TD2.9 E1*120R01/00*0239*00	55,4 (75)	37 < P < 56	5,00	4,70	0,015	1x10 ¹²	

L'esclusiva soluzione Genie Stage V utilizza la tecnologia di "rigenerazione intelligente" che garantisce tranquillità ai proprietari e agli operatori di macchine Genie. Non devono infatti preoccuparsi di come gestire il processo di rigenerazione - abbiamo fatto in modo che la macchina Genie lo faccia per loro.



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