



# ***Operator's Manual Supplement***

## ***Deutz TD 2.2 Cold Start***

***Refer to inside cover for approved models***

CE  
LUL  
CP

Original Instructions  
First Edition  
Second Printing  
Part No. 1310433GT

# Introduction

## Manufacturer:

Terex Global GmbH  
Bleicheplatz 2  
Schaffhausen, 8200  
Switzerland

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## Approved CE/UK Models

S <sup>®</sup> -65 XC™, S <sup>®</sup> -65 Trax™	SX™-105 XC™
Z <sup>®</sup> -45 XC™	SX™-125 XC™
Z <sup>®</sup> -51	SX™-135 XC™
Z <sup>®</sup> -62	ZX <sup>®</sup> -135
S <sup>®</sup> -40 XC™, S <sup>®</sup> -40 Trax™	SX™-150
S <sup>®</sup> -45 XC™, S <sup>®</sup> -45 Trax™	SX™-180
S <sup>®</sup> -85 XC™	GS™-3384
Z <sup>®</sup> -80	GS™-3390, GS™-4390, GS™-5390

### WARNING

Do not install the Deutz TD 2.2 Cold Start on any Genie product other than the approved models.

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"XC" and "TraX" are trademarks of Terex South Dakota, Inc.

These machines comply with

 Complies with EC Directive 2006/42/EC  
See EC Declaration of Conformity

 Supply of Machinery (Safety) Regulations 2008

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## Introduction



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### Danger

Failure to obey the instructions and safety rules in this manual and in the operator's manual for this machine will result in death or serious injury.

### Observe and Obey:

#### Normal Usage:

- Do not exceed the normal usage of 3 hours a day for DEFA engine heaters.
- Maximum usage of heater under normal usage should not exceed 5 month a year.

#### Professional Usage:

- Need to register for yearly function control, if necessary install a new heater with extended service on emergency vehicles or power suppliers.
- Heater under professional usage can be connected whole day.
- The yearly service cost will not be covered by DEFA AS.

## Introduction

### S-65 XC, Z-62 models:

#### Contents of Kit 1310424

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258789	Cable, Extension, 3 meter	1
1261879	Cable, Extension, 1 meter	1
1294422	Charger, Battery (Multi-Charger)	1
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

### Z-45 XC, Z-51 models:

#### Contents of Kit 1310430

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1261879	Cable, Extension, 1 meter	1
1294422	Charger, Battery (Multi-Charger)	1
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

### Z-80 models:

#### Contents of Kit 1311181

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258823	Cable, Extension, 2 meter	1
1294422	Charger, Battery (Multi-Charger)	2
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

### ZX-135 models:

#### Contents of Kit 1311182

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258823	Cable, Extension, 2 meter	2
1258787	Cable, Extension, 5 meter	1
1294422	Charger, Battery (Multi-Charger)	2
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

### SX-135 XC models:

#### Contents of Kit 1311183

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258789	Cable, Extension, 3 meter	1
1258823	Cable, Extension, 2 meter	1
1261879	Cable, Extension, 1 meter	1
1294422	Charger, Battery (Multi-Charger)	2
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

### SX-150, SX-180 models:

#### Contents of Kit 1311184

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258789	Cable, Extension, 3 meter	1
1258823	Cable, Extension, 2 meter	1
1261879	Cable, Extension, 1 meter	1
1294422	Charger, Battery (Multi-Charger)	2
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

### S-40 XC/S-45 XC models:

#### Contents of Kit 1311185

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258823	Cable, Extension, 2 meter	1
1294422	Charger, Battery (Multi-Charger)	1
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1
1313064	Forming, Battery Mount	1

# Introduction

## S-80/S-85 XC models:

### Contents of Kit 1311186

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258789	Cable, Extension, 3 meter	1
1258823	Cable, Extension, 2 meter	2
1294422	Charger, Battery (Multi-Charger)	2
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

## SX-105 XC, SX-125 XC models:

### Contents of Kit 1311187

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258823	Cable, Extension, 2 meter	2
1261879	Cable, Extension, 1 meter	1
1294422	Charger, Battery (Multi-Charger)	2
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

## GS-3384, GS-3390, GS-4390, GS-5390 models:

### Contents of Kit 1312971

Part No.	Decal Description	Qty
1258783	Cable, Connection, Mains	1
1258787	Cable, Extension, 5 meter	1
1294422	Charger, Battery (Multi-Charger)	1
1309694	Heater Element, Oil Pan, Deutz TD 2.2, 230V	1

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# Inspections

## Pre-operation Inspection

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- Verify the operator's manual and any necessary supplements are complete, legible and in the storage container located in the platform.
- Verify all decals are legible and in place.

Check the Cold start installation for damage, improperly installed or missing parts and unauthorized modifications.

- Nuts, bolts and other fasteners
- Cables, caps and plugs

If the Deutz TD 2.2 Cold Start option is installed in an emergency vehicle or power supplies, where the heater is continuously connected or when the vehicle is not in use, the following annual service must be performed:

- Check the engine heater for proper operation. Replace the heater if it is not functioning correctly or defective.

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