



R50-10 R50-12 R50-15/16

Elektro Gabelstapler
Electric Fork Truck
Chariot élévateur électrique
Carretilla elevadora electrica



**Werk-
statt-
handbuch**

**Work-
shop
manual**

**Manuel
d'Atelier**

**Manual
de taller**

R5001-R5034

Ident-Nr.164534 (en)



**STILL
ELECTRONIC
DOCUMENTATION
SYSTEM**

STEDS

STILLGmbH

Frame and counterweight

The rigid electrically welded steel plate chassis frame and body is of unit construction and has a bolted-on type counterweight.

The hydraulic oil tank forms an integral part of the frame, and is situated between the leg and battery compartments.

The removable rear counterweight has fixing holes through which pass the screws with hexagonal recessed hole holding the power unit in place.

The counterweight is bolted to the chassis by means of 3 bolts (see sketch).

All of the 3 counterweight mounting bolts are torqued to 710 Nm.

1 =hex. hd. bolts M 30 x 100, 8.8

2 =C-shaped washer

3 =hex. hd. bolts M 24 x 160, 8.8

4 =washer

5 =spacertube

6 =cone seat

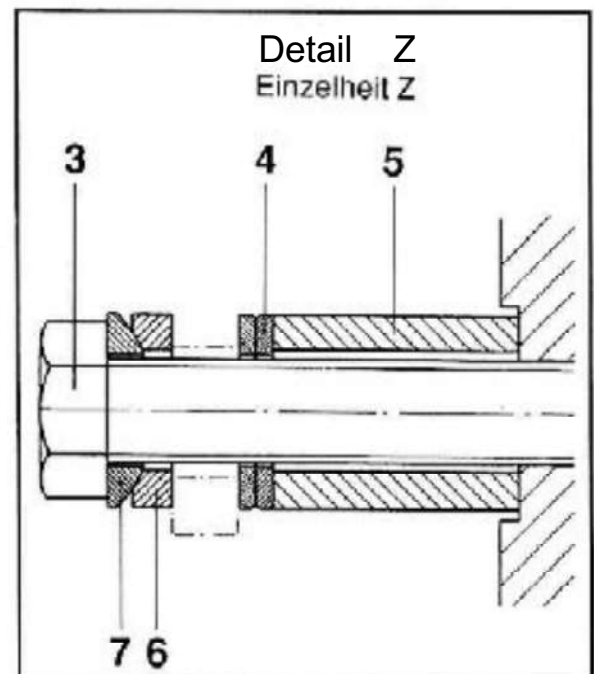
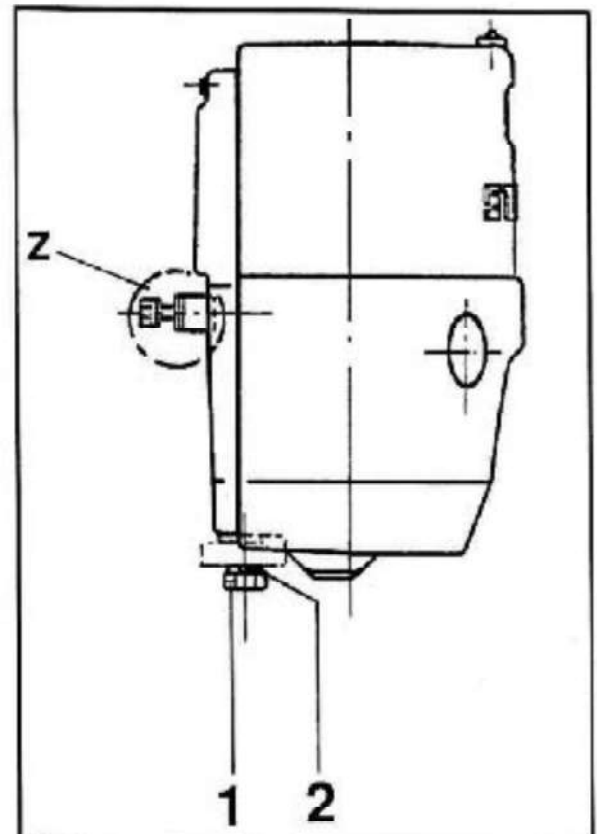
7 =spherical washer

Weight indication for counterweights:

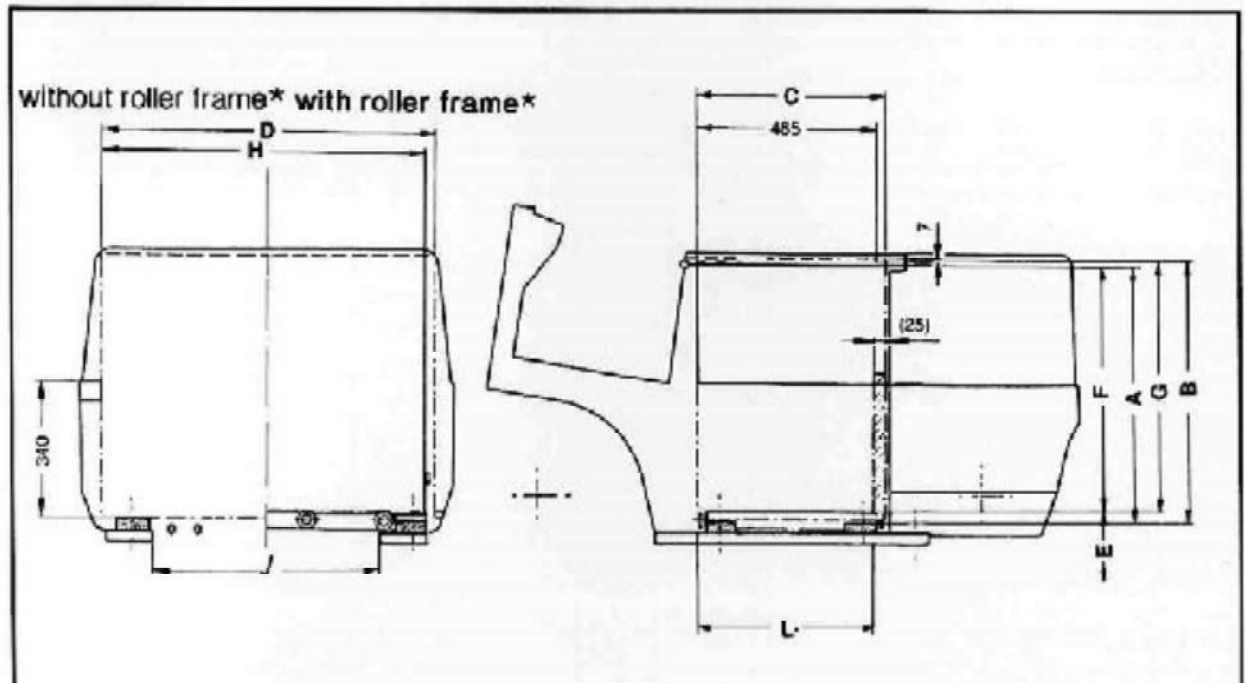
490 kgs=1.0-tonne capacity units

685 kgs=1.2-tonne capacity units

925 kgs=1.5-tonne capacity units



Frame and counterweight



	1.0-tonne unit Cushion tyres superelastic tyres	1.0-tonne unit pneumatic & superelastic tyres	1.2-tonne unit		1.5-tonne unit	
			Cushion tyres	Pneum. + SE	Cushion tyres	Pneum. + SE
A Top of silent blocks** to top of removable side plate (mm)	640 +4 -3	640 +4 -3	640 +4 -3	640 +4 -3	640 +4 -3	640 +4 -3
B Top of silent blocks** to underside of hood (mm)	665 +3 -2	665 +3 -2	665 +3 -2	665 +3 -2	665 +3 -2	665 +3 -2
C Length of battery compartment area (mm)	352 +3 -1	470 +3 -1	470 +3 -1	470 +3 -1	506 +3 -1	506 +3 -1
D Width of battery compartment (mm)	859 ± 5	859 ± 5	859 ± 5	859 ± 5	859 ± 5	859 ± 5
E Ground to top of roller frame	177 ± 5	187 ± 3	177 ± 3	187 ± 3	177 ± 3	187 ± 3
F Top of roller platform to top of removable side plate (mm)	613 +6 -5	613 +6 -5	613 +6 -5	613 +6 -5	613 +6 -5	613 +6 -5
G Top of roller platform to underside of cover (mm)	638 +5 -4	638 +5 -4	638 +5 -4	638 +5 -4	638 +5 -4	638 +5 -4
H Distance between LH side frame section and battery latch (mm)	836 +5 -6	836 +5 -6	836 +5 -6	836 +5 -6	836 +5 -6	836 +5 -6
J Distance between long channel bars of chassis frame (mm)	590 ± 3	590 ± 3	590 ± 3	590 ± 3	590 ± 3	590 ± 3
K Weight required in battery compartment (kgs)***	451	451	587	587	657	657
L Length of battery compartment (mm) with extra ballast	---	---	445 +3 -4	445 +3 -4	481 +3 -4	481 +3 -4

* enabling the battery to be slid out sideways

** on which the battery is located

*** Extra ballast weight may be added or removed to compensate for different sized batteries without changing dimensions of the truck

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