

**Crawler Crane Terex-DEMAG CC 2500-1** (max. lifting capacity 500 t at 9 m / 75%)

with the following scope of supply:

**Year of production: 2009**

**Working hours: aprox. 17000 h**

**Basic machine**, consisting of:

CRAWLER CARRIER

3-section carrier (car body and two crawlers),

Car body and crawler side frames fabricated of high-strength-fine-grain-structural steel

Track shoes and idler tumblers are fabricated of heat-treated high-strength cast steel

Hydraulic pin connected car body and crawler side frames

**Quaddro drive**

**Central ballast 40 to**

Hydraulic jacks to facilitate crawler assembly and disassembly

Automatic centralized lubrication system for track rollers

Power train trough planetary gear reduction and hydraulic motor (per crawler two hydro

motors). Each crawler is infinitely variable controlled, both independently and in

opposite direction

Track width 7.80 m

Track shoes 1.2 m wide

**SUPERSTRUCTURE**

Superstructure frame fabricated of high-strength fine-grain structural steel

Triple-row roller bearing slew ring

DaimlerChrysler diesel engine type OM 501 LA , 315 kW/420PS , water cooled

Stainless steel exhaust system

Hoist drum H1 and second hoist drum H2 incl. drum rotation indicator, synchronizing

and twist arrestor

Boom hoist E, slew unit

Running ropes - hoist rope H1, hoist rope H2, boom hoist rope E (2x)

A-frame, (incl. hydraulic system to raise A-frame)

Counterweight 160 t

Comfortable cabin incl. air-condition, swing out type, tiltable

Camera system for monitoring the rope drums

Hydraulic pinning foot pin/main boom

Self-contained hot air heater

Demag IC-1 control system incl. safe load indicator, working range limitation and safety devices

Reeving winch

Rotaflare warning light

**Emergency control**

24 V electrical system

Painting with 2-pack acrylic enamel (Terex-standard: gray/RAL 7012, white/RAL 1013)

**Attachments**

Main boom SH, length 84 m, with SH-head ( 1,5 m)

sheave assembly 400 to, with jib-top-section ( 7,5 m),

pendant bars, walkways, single red warning light, anemometer

**Preparation for later attachment of luffing jib (preparation W1, without testing/acceptance)**

**W1 as Hoist 3 (only if luffing jib ordered)**

**Super lift attachment:**

**Mast 30 m**

**Derricking bridle**

**Winch W2 (on SL-Mast), with rope**

**Runner 2 m**

**Lateral auxiliary support**

**SL-counterweight tray, for max. SL-counterweight 250 t**

**SL-counterweight is included 220 t**

**With guiding-rope for SL radius 12 m / 14 m / 16 m**

**(in case SL-adjustment system is NOT ordered)**

**VARIO-Superlift incl. stabilisation adjustment -device with 2 vertical-cylinder in**

**SL-pendant bars for continuously variable SL-adjustment from 10 - 16 m**

**ATTENTION: Only for operation with SL-counterweight tray/NOT for operation**

**with SL-counterweight carrier**

**Hook blocks:**

Hook block 50 to, 1-sheave, single hook

Hook block 100 to, 3-sheave, ramshorn hook

**Optional Equipment (Carrier):**

Hydraulic cylinder on a-frame, for instance of self-assembly of crawler side frames

(Attention: cast-counterweights required)

**Possible configurations with above mentioned equipment**

- SH 24 – 84m
- SSL 36 -84m
- SSL/LSL 78m

**1B. OPTION for BASIC VERSION:**

Luffing jib SW, length 84 m, with luffing masts,

Fixed Fly Jib 12 m

pendant bars, walkways, luffing unit W1 (on main boom) + pendant bars WU, for

main boom, length 84 m

**Possible configurations with above mentioned equipment (1A. + 1B.):**

**SGLmax S1**

- SH 24 – 84m
- SH/LH 42 – 108m
- SH/LH SGL max 84 – 102m
- SH+LF2 24-84 m
- SH/LH+LF2(12m) 42-96 m
- SH/LH+LF2 (12m) SGL max 42-96 m
- SW 30 – 72m + 24 – 72m
- SWSL 36 – 84m + 24 – 84m
- SSL 36 – 84m
- SSL/LSL 78 – 126m
- SSL/LSL SGL max 90 – 126m
- SSL/LF2(12m) 36 - 84m
- SSL/LSL LF2(12m) – 78 – 126m
- SSL/LSL LF2(12m) SGL max – 90 – 126m



