



Technical - Training

CC 2500





CC 2500

Technical Training
as of date cw 07/2003

CD - ROM

Company Profile

Over view Lattice – Boom Cranes

Product profile

Presentation CC 2500

Data sheet's

Boom combination's

Hydraulic

Electric

Service Literature

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LORAIN • P&H • SIMON RO • PPM • BENDINI • FRANNA
DEMAG • AMERICAN • PEINER • COMEDIL



COMPANY PROFILE

PORTRAIT DE L'ENTREPRISE

UNTERNEHMENSPROFIL



Innovating from a traditional base Pas d'innovation sans tradition Aus Tradition innovativ

Crane manufacturing is a trade with a long tradition. There is evidence of lifting appliances having been built as long ago as 5000 BC. Engineers have long been fascinated by the concept of making lifting easier - the polymath Leonardo da Vinci among them. Among many other things, he produced a detailed design of a crane on rollers - a mobile crane - all of 500 years ago.

In the industrial world of these modern times the requirements being placed on crane mobility are becoming ever more complex.

To exploit all the possibilities of modern technology while learning from the successes of past traditions - that is our recipe for success.

La construction de grues est une activité riche de traditions. Il existe des vestiges d'engins de levage datant de 5000 ans avant JC. De tous temps, les ingénieurs ont cherché à rendre plus facile le levage des charges. Parmi eux, le génie universel Léonard de Vinci qui, voilà 500 ans, dessinait en détail une grue sur galets et donc une grue mobile.

Le monde industrialisé contemporain impose des exigences de plus en plus complexes à la mobilité des grues.

Exploiter la totalité des possibilités de la technologie moderne tout en s'inspirant de la tradition, c'est notre prescription de succès.

Der Bau von Kranen ist ein traditionsreiches Gewerbe. Schon seit etwa 5000 v. Chr. werden entsprechende Vorrichtungen konstruiert. Die Erleichterung des Lastenhebens war zu allen Zeiten eine Herausforderung für Konstrukteure. Auch das Universalgenie Leonardo da Vinci befand sich unter ihnen. Er zeichnete vor gut 500 Jahren u. a. detailliert einen auf Rollen beweglichen - also mobilen - Kran.

In der industrialisierten Welt unserer Tage wurden die Anforderungen an die Mobilität der Krane immer komplexer.

Alle Möglichkeiten der modernen Technik zu nutzen und dabei aus den Traditionen zu lernen - das ist unser Erfolgsrezept.



V 2500



TC 120



HC 500



Historic cranes from the Demag production centres.
Grues historiques des sites de production Demag.
Historische Krane aus der Demag Produktion.



High-tech cranes – serial production Des grues high-tech – production de série Hightech-Krane – in Serienproduktion

Nowadays the demands of the international market are such that mobile cranes are having to be made more compact, offer more manoeuvrability and still provide exceptional lifting capacities.

"Just-in-time" manufacturing philosophy, the sophisticated logistics, the optimum material flow and a commitment to group working combine to create products that are truly worthy of the "hi-tech" epithet.

Aujourd'hui, le marché international exige de plus en plus des grues mobiles compactes et maniables mais néanmoins capables de lever des charges extrêmement lourdes.

La fabrication "juste à temps", la logistique sophistiquée, le flux des matières optimales et le travail de groupe systématique coopèrent pour donner naissance à des produits qui méritent vraiment l'épithète de high-tech.

Der internationale Markt verlangt heute verstärkt kompakte, wendige Mobilkrane, die dennoch in ihrer Hebeleistung hohen Ansprüchen genügen.

„Just-in-time“-Produktionsweisen, die ausgeklügelte Logistik, der optimale Materialfluss und die konsequente Gruppenarbeit bringen echte Hightech-Produkte hervor.



Large plates are bent on the bending machine with a force of 1600 tonnes.

Des tôles de grandes dimensions sont cintrées sur la cintrouse à une force de compression de 1600 t.

In der Blechbiegemaschine werden großflächige Bleche mit einer Presskraft von 1600 t gekantet.



View of the manufacturing at Comedil, Fontanafredda, Italy.

Aperçu de la fabrication des grues à tour chez Comedil, Fontanafredda, Italie.

Einblick in die Produktion von Turmdrehkränen bei Comedil, Fontanafredda, Italien.



Powerful telescopic cranes for demanding duties Des grues télescopiques puissantes pour des interventions exigeantes Starke Teleskopkrane für anspruchsvolle Einsätze

At our renowned Dinglerstrasse factory in Zweibrücken, highly motivated teams of specialists design and manufacture the best in high-performance mobile cranes - including the AC 700, the world's most powerful telescopic crane roadable on its own axles with complete main boom.

The Demag telescopic boom developed here with its distinctive ovaloid shape has set the standard for almost all today's modern mobile cranes. It enables lifting capacities to be maximised whilst dead-weights are kept low.

Dans notre usine rénovée de la Dinglerstrasse à Zweibrücken, des équipes de spécialistes très motivés construisent ce qui est fait de mieux en matière de grues mobiles, y compris la AC 700, la grue télescopique la plus puissante du monde circulant complète avec sa flèche principale.

La flèche télescopique Demag de forme ovoïdale mise au point ici a servi de modèle à la quasi-totalité des grues mobiles modernes actuelles. Elle permet d'augmenter au maximum les capacités de levage tout en minimisant les poids morts.

Im traditionsreichen Werk Dinglerstraße in Zweibrücken bauen hochmotivierte Spezialistenteams die Oberklasse der Mobilkrane - bis hin zum AC 700, dem stärksten mit komplettem Hauptausleger verfahrenen Teleskopkran der Welt.

Der hier entwickelte Demag Teleskopausleger in Ovaloidform wurde zum Vorbild für fast alle modernen Mobilkrane. Er ermöglicht hervorragende Tragfähigkeiten bei geringstem Eigengewicht.



Assembly of a large telescopic crane.
Montage d'une grue télescopique.
Montage eines großen Teleskopkranes.



Truck crane from Terex Waverly, USA.
Grue sur porteur de la fabrication Terex, Waverly, Etat-Unis.
Autokran aus der Terex Produktion, Waverly, USA.



At home at the jobsites of the world Chez soi sur les chantiers du monde entier Zuhause auf den Baustellen der Welt

When it comes to tower and RT cranes, Terex has an answer to virtually any problem. Our comprehensive product range contains a crane for practically any application profile. Terex RT and tower cranes are best suitable to keep working hard on construction site.

Lorsqu'il est question de grues à tour et de grues RT, Terex Cranes détient la solution à la quasi-totalité des problèmes. Notre gamme complète dispose d'une grue appropriée pour pratiquement chaque type d'intervention. Nos grues sont parfaitement appropriées pour tous les travaux difficiles sur les chantiers.

Wenn es um Krane für Baustellen geht, bietet Terex Cranes für quasi jede Anforderung eine Lösung. Aus der umfangreichen Produktionspalette steht für praktisch jeden Einsatzbereich ein entsprechender Kran zur Verfügung. Die RT und Turmdrehkrane von Terex sind für den harten Einsatz auf Baustellen bestens geeignet.



View of the manufacturing and assembly at Comedil, Fontanafredda, Italy.

Aperçu de la fabrication des grues à tour chez Comedil, Fontanafredda, Italie.

Blick in die Werks- und Montagehalle bei Comedil, Fontanafredda, Italien.



View of the manufacturing of RT cranes at Terex, Waverly, USA.

Aperçu de la fabrication des grues RT chez Terex, Waverly, Etats-Unis.

Einblick in die Produktion von RT-Kranen bei Terex, Waverly, USA.



Terex. The name stands for lattice-boom cranes Terex. Synonyme de grues treillis Terex. Ein Name steht für Gittermastkrane

Lifting huge loads to dizzy heights while remaining mobile is a speciality of our lattice-boom crane. Whether on a crawler carrier or on a road-going carrier, these cranes all have one thing in common - their superior lifting technology.

We place special importance on an intelligent concept with viable, efficient transportation and erection logistics so as to facilitate crane deployment and thus maximise the economic advantage offered by these units.

Lever des charges extrêmement lourdes à des hauteurs vertigineuses tout en conservant sa mobilité est la spécialité de nos grues treillis. Qu'il s'agisse du modèle avec châssis sur chenilles tout terrain ou sur châssis apte à la circulation routière, leur technologie de levage supérieure constitue leur point commun.

Terex accorde une grande importance à un concept intelligent doté d'une logistique de montage et de transport élaborée, qui facilite l'intervention et optimise ainsi les avantages économiques.

Schwerste Lasten in schwindelnde Höhen zu heben und dabei mobil zu bleiben, ist die Spezialität unserer Gittermastkrane. Ob sie als auf geländegängigem Raupenfahrgestell oder auf straßentauglichen Unterwagen zum Einsatz kommen, gemeinsam ist ihnen die überlegene Hebetchnik.

Besonderes Gewicht legen wir auf ein intelligentes Konzept mit einer schlüssigen Aufbau- und Transportlogistik, die den Einsatz erleichtert und damit wirtschaftliche Vorteile bringt.

Demag lattice-boom cranes provide a recognisable landmark on jobsites all around the world.

Les grues treillis Demag marquent de leur empreinte le paysage des chantiers du monde entier.

Demag Gittermastkrane prägen das Bild der Baustellen überall auf der Welt.

An American crawler crane at work.

Une grue sur chenilles American sur chantier.

Ein Raupenkrane von American im Einsatz.





First class service before and after sales Service après-vente de première qualité avant et après l'achat Spitzenservice vor und nach dem Kauf

Employees of Terex Cranes are imbued with a sense of responsibility for their products, both before and after delivery. Needless to say, the customer's operating personnel are thoroughly familiarised with the new cranes, with more extensive training also available as and when required. Highly qualified experts in the field and an international service network guarantee optimum customer care on a worldwide scale.

With the Terex Cranes service network, availability and investment protection are ensured - around the clock, worldwide and for all product types. Technical know-how and the ability to provide tailored solutions in double-quick time are the salient strengths of our team.

Le personnel de Terex Cranes se sent responsable de ses produits autant avant qu'après leur livraison. Il va sans dire que les opérateurs du client sont familiarisés en détail avec leurs nouvelles grues et peuvent même bénéficier d'une formation si nécessaire. Des spécialistes locaux hautement qualifiés et un réseau de SAV international sont les garants d'une assistance à la clientèle optimale dans le monde entier.

Le réseau de SAV de Terex Cranes assure une disponibilité et une protection de l'investissement 24 heures sur 24, dans le monde entier et pour tous les types de produits. Le savoir-faire technique et la capacité à trouver des solutions individuelles en un temps record sont nos pouvoirs.

Die Mitarbeiter von Terex fühlen sich für Ihre Produkte vor und nach der Auslieferung verantwortlich. Selbstverständlich wird das Bedienpersonal der neuen Krane gründlich eingewiesen und bei Bedarf geschult. Top ausgebildete Fachleute vor Ort und ein international verzweigtes Service-netz garantieren weltweit eine optimale Betreuung.

Verfügbarkeit und Investitionssicherung sind somit durch den Terex Cranes Service gewährleistet - rund um die Uhr, weltweit, für alle Baureihen. Technisches Know-how und die Fähigkeit individuelle Problemlösungen extrem schnell herbeizuführen, sind unsere Stärken.



Crane personnel undergoing training by Terex specialists.

La formation des grutiers est assurée par les spécialistes Terex.

Das Kranpersonal wird durch Terex Spezialisten geschult.



Repairs are carried out by the Terex service team using the most advanced techniques.

Les réparations sont effectuées par l'équipe de SAV Terex qui utilise un matériel ultramoderne.

Fällige Reparaturen werden vom Terex Service Team mit modernsten Mitteln durchgeführt.



All facilities equipped for the future Tous les sites sont équipés pour affronter l'avenir An allen Standorten für die Zukunft gerüstet

Terex Cranes operates a number of production facilities around the world. Whether it be in Germany, France or Hungary, our aim is always to manufacture brandname products of the highest quality at affordable prices.

Highly qualified teams are involved in the ongoing update and development of the product range. They design and produce new machines that regularly set new standards in the markets of the world.

What all our plants have in common is the fact that they use ultra-modern, ecologically compatible production methods founded on a sound, long crane-building tradition.

Terex Cranes dispose de plusieurs sites de production dans le monde : que ce soit en Allemagne, en France ou en Hongrie, nous nous efforçons en permanence de fabriquer des produits de marque de haute qualité à des prix abordables.

Des équipes hautement qualifiées s'emploient à actualiser en permanence la gamme de produits. Ils conçoivent et produisent de nouveaux engins qui constituent autant de nouvelles normes de références sur les marchés mondiaux.

L'attachement de tous les sites au principe d'une fabrication ultramoderne et écologique basé sur une longue tradition de la construction de grues constitue le trait d'union qui les réunit.

Terex Cranes verfügt weltweit über mehrere Produktionsstätten. Ob in Deutschland, Frankreich oder Ungarn, es ist stets unser Bestreben, qualitativ hochstehende Markenprodukte zu wirtschaftlichen Preisen herzustellen.

Hochqualifizierte Teams arbeiten an der permanenten Aktualisierung der Produktpalette. Und sie entwickeln und produzieren Neugeräte, die auf den Weltmärkten immer wieder neue Standards setzen.

Gemeinsam ist allen Standorten, dass sie sich, basierend auf einer langen Kranbautradition, heute einer hochmodernen, ökologisch ausgerichteten Fertigungsweise verschrieben haben.



At a glance
A un coup d'œil
Auf einen Blick

ROUGH TERRAIN CRANES		Maximum lifting capacity	Maximum boom length	Maximum tip height	Aproximate shipping weight
	CD 200 Series	20-25 tons (18-22 mt)	72 ft (21.9 m)	121 ft (36.9 m)	42,500 lbs (19 280 kg)
	RT 200 Series	20-30 tons (18-27 mt)	94 ft (28.6 m)	141 ft (43 m)	56,000 lbs (25 400 kg)
	RT 300 Series	30-35 tons (27-32 mt)	94 ft (28.6 m)	147 ft (44.8 m)	63,300 lbs (28 715 kg)
	RT 500 Series	50-55 tons (45-50 mt)	110 ft (33.5 m)	170 ft (51.8 m)	76,800 lbs (34 835 kg)
	RT 600 Series	60-65 tons (54-59 mt)	110 ft (33.5 m)	170 ft (51.8 m)	89,000 lbs (40 370 kg)
	RT 700 Series	70-75 tons (63-68 mt)	126 ft (38.4 m)	193 ft (58.8 m)	96,000 lbs (43 545 kg)
	RT 1000	100 tons (91 mt)	126 ft (38.4 m)	195 ft (59.6 m)	122,000 lbs (55 340 kg)
	RT 1100	100 tons (91 mt)	149 ft (45.4 m)	246 ft (75 m)	135,000 lbs (61 235 kg)
	A 300	35 tons (30 mt)	78.9 ft (24 m)	130.3 ft (39.7 m)	52,900 lbs (24 400 kg)
	A 350	35 tons (30 mt)	90.6 ft (27.6 m)	144.36 ft (44 m)	56,200 lbs (25 500 kg)
	A 400	38 tons (35 mt)	100.3 ft (30.6 m)	150.92 ft (46 m)	60,840 lbs (27 600 kg)
	A 450	45 tons (40 mt)	88.9 ft (27.1 m)	144.36 ft (44 m)	60,840 lbs (27 600 kg)
	A 600	66 tons (60 mt)	106.3 ft (32.4 m)	175.85 ft (53.6 m)	88,200 lbs (40 000 kg)
	A 600 C	66 tons (60 mt)	106.3 ft (32.4 m)	173.6 ft (52.9 m)	130,000 lbs (59 000 kg)

LIFT & CARRY CRANES		Maximum lifting capacity	Maximum boom length	Maximum tip height	Aproximate shipping weight
	UC - 10	11 tons (10 mt)	37.7 ft (11.7 m)	41.7 ft (12.7 m)	24,200 lbs (11 000 kg)
	UC - 15	16.5 tons (15 mt)	41 ft (18.2 m)	60.4 ft (18.4 m)	35,000 lbs (15 900 kg)
	MAC - 25	27 tons (25 mt)	60 ft (18.4 m)	63.6 ft (19.4 m)	52,700 lbs (23 900 kg)
	AT - 15	17 tons (15 mt)	59 ft (17.9 m)	59 ft (18 m)	35,200 lbs (16 000 kg)
	AT - 25	22 tons (20 mt)	59 ft (17.9 m)	59.7 ft (18.2 m)	43,000 lbs (19 500 kg)

TRUCK CRANES		Maximum lifting capacity	Maximum boom length	Maximum tip height	Aproximate shipping weight
	T 200 Series	20-30 tons (18-27 mt)	94 ft (28.6 m)	141 ft (43 m)	45,500 lbs (20 640 kg)
	T 300 Series	30-40 tons (27-36 mt)	94 ft (28.6 m)	141 ft (43 m)	47,100 lbs (21 365 kg)
	T 300XL Series	30-40 tons (27-36 mt)	105 ft (32 m)	150 ft (45.7 m)	60,000 lbs (27 215 kg)
	T 500 Series	50-60 tons (45-54 mt)	110 ft (33.5 m)	170 ft (51.8 m)	71,000 lbs (32 205 kg)
	T 700 Series	75-90 tons (68-82 mt)	138 ft (42.1 m)	202 ft (61.6 m)	112,000 lbs (50 800 kg)

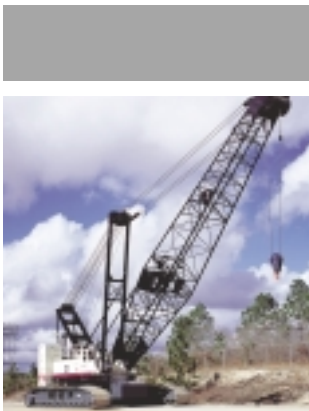
TELESCOPIC BOOM TRUCK MOUNTED CRANES		Maximum lifting capacity	Maximum boom length	Maximum tip/shave height
	STINGER 2000	20,000 lbs (9 072 kg)	57 ft (17.4 m)	102 ft (31.1 m)
	STINGER 2400	24,000 lbs (10 886 kg)	63 ft (19.2 m)	113 ft (34.4 m)
	STINGER 3000	30,000 lbs (13 608 kg)	63 ft (19.2 m)	117 ft 8 in (35.9 m)
	STINGER 3400	34,000 lbs (15 422 kg)	70 ft (21.3 m)	120 ft (36.6 m)
	STINGER 3800	38,000 lbs (17 237 kg)	74 ft (22.6 m)	127 ft 7 in (38.9 m)
	STINGER 4400	44,000 lbs (19 958 kg)	85 ft (25.9 m)	135 ft (41.1 m)
	STINGER 4700	47,000 lbs (21 319 kg)	92 ft (28 m)	144 ft (43.9 m)
	STINGER 5092	50,000 lbs (22 680 kg)	92 ft (28 m)	144 ft (43.9 m)
	STINGER 60100	60,000 lbs (27 211 kg)	100 ft (30.5 m)	166 ft (50.6 m)
	STINGER 7077	70,000 lbs (31 752 kg)	77 ft (23.5 m)	140 ft (42.6 m)

ALL TERRAIN CRANES		Maximum lifting capacity	Maximum boom length	Maximum tip/shave height
	AC 30	33 tons (30 mt)	82 ft (25 m)	124.6 ft (38 m)
	AC 35	38 tons (35 mt)	99.7 ft (30.4 m)	151 ft (46 m)
	AC 40-1	45 tons (40 mt)	102.3 ft (31.2 m)	145 ft (44.2 m)
	AC 50-1	60 tons (50 mt)	131.2 ft (40 m)	188.9 ft (57.6 m)
	AC 60	65 tons (60 mt)	164.4 ft (50.4 m)	208 ft (64.4 m)
	AC 80-2	100 tons (80 mt)	164 ft (50 m)	221.7 ft (67.6 m)
	AC 100	120 tons (100 mt)	164.7 ft (50.2 m)	273 ft (83.2 m)
	AC 130	130 tons (US only)	164.7 ft (US only)	273 ft (US only)
	AC 160-1	175 tons (160 mt)	210 ft (64 m)	318.2 ft (97 m)
	AC 200-1	220 tons (200 mt)	221.1 ft (68 m)	331.4 ft (101 m)
	AC 350	385 tons (350 mt)	184 ft (56 m)	414.4 ft (126.3 m)
	AC 500-1	550 tons (500 mt)	183.7 ft (56 m)	478.3 ft (145.8 m)
	AC 700	800 tons (700 mt)	196.9 ft (60 m)	490.5 ft (149.5 m)

At a glance
A un coup d'œil
Auf einen Blick

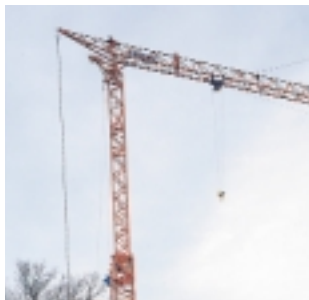


CRAWLER CRANES		Maximum lifting capacity	Maximum boom length	Maximum tip/shave height
CC 1500	CE	300 tons (275 mt)	334.6 ft (102 m)	433 ft (132 m)
CC 1800-1	CE	330 tons (300 mt)	374 ft (114 m)	472.4 ft (144 m)
CC 2500	CE	500 tons (450 mt)	413.4 ft (126 m)	511.8 ft (156 m)
CC 2800	CE	660 tons (600 mt)	452.7 ft (138 m)	551.2 ft (168 m)
CC 8800	CE	1375 tons (1250 mt)	492.1 ft (150 m)	708.7 ft (216 m)
CC 12600	CE	1750 tons (1600 mt)	452.7 ft (138 m)	768 ft (234 m)
CC 88000	CE	2756 tons (2500 mt)	768 ft (234 m)	760 ft (232 m)



HYDRAULIC LATTICE BOOM CRAWLER CRANES

	Maximum lifting capacity	Maximum boom length	Maximum boom & jib length
HC 50	50 tons (45.4 mt)	160 ft (48.8 m)	170 ft (51.8 m)
HC 60	60 tons (54.4 mt)	160 ft (48.8 m)	170 ft (51.8 m)
HC 80	80 tons (72.6 mt)	200 ft (61.1 m)	230 ft (70.1 m)
HC 110	110 tons (99.8 mt)	230 ft (70.1 m)	270 ft (82.3 m)
HC 165	165 tons (149.7 mt)	290 ft (88.4 m)	350 ft (106.7 m)
HC 225	225 tons (204.1 mt)	290 ft (88.4 m)	390 ft (118.9 m)
HC 275	275 tons (249.5 mt)	300 ft (91.4 m)	390 ft (118.9 m)



SELF-ERECTING

		Maximum jib	Capacity at maximum radius	Maximum hook height	Maximum capacity
CBR Series	CE	52-118 ft (16-36 m)	1103-2205 lbs (500-1000 kg)	49-85 ft (15-26 m)	2205-8820 lbs (1000-4000 kg)



HAMMERHEAD		Maximum jib	Capacity at maximum radius	Maximum hook height	Maximum capacity
GTS Series	CE	98-167 ft (30-51 m)	2977 lbs (1350 kg)	113-137 ft (34.4-41.9 m)	5513-11,025 lbs (2500-5000 kg)
CT Series	CE	98-213 ft (30-65 m)	11,025-5292 lbs (5000-2400 kg)	179-316 ft (54.45-96.45 m)	22,050 lbs (10 000 kg)
SK Series	CE	131-263 ft (40-80 m)	3985-8600 lbs (2200-3900 kg)	208-249 ft (63.5-75.8 m)	17,600-70,600 lbs (8000-32 000 kg)



FLAT TOP		Maximum jib	Capacity at maximum radius	Maximum hook height	Maximum capacity
CTT City Series	CE	66-197 ft (20-60 m)	5513-5733 lbs (2500-2600 kg)	160-324 ft (48.7-98.8 m)	5513-17,640 lbs (2500-8000 kg)
		CTT Series	CE	131-279 ft (40-85 m)	40,131-8820 lbs (18 200-4000 kg)

LIFT & CARRY CRANES		Maximum jib	Capacity at maximum radius	Maximum hook height	Maximum capacity	
	CTL Series	CE	98-197 ft (30-60 m)	11,466-20,727 lbs (5200-9400 kg)	131-257 ft (39.95-78.4m)	13,230-70,560 lbs (6000-32 000 kg)

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Demag Produktionsstandort
Wallerscheid, Deutschland.



Comedil Operations,
Fontanafredda, Italy.
Fontanafredda, Italie :
l'usine de construction.
Comedil Produktionsstandort
Fontanafredda, Italien.



Terex Operations,
Waverly, USA.
Waverly, Etats-Unis :
l'usine de construction de grues.
Terex Produktionsstandort
Waverly, USA.

Lifting the heaviest loads to **gigantic** heights

Demag Lattice-Boom Cranes

Demag lattice-boom cranes are capable of lifting the heaviest loads to gigantic heights. In the case of the CC models, the crawler carrier ensures a high level of mobility, while the TC range comes with a road-going truck carrier. Demag lattice-boom cranes are characterised by an intelligent design concept incorporating highly refined erection and transportation logistics.

All Demag lattice-boom cranes offer superior lifting technology, with the various models capable of lifting capacities ranging from 300t to a gigantic 1600t, and lifting heights of up to 234m.



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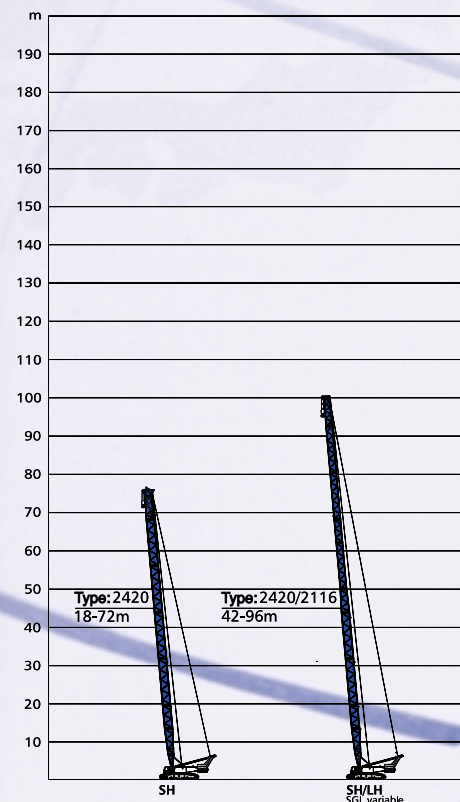


Demag CC 1800-1

The CC 1800-1 has been further developed from its predecessor through the incorporation of numerous design improvements. This means, for example, that all its working motions can now be performed at significantly faster speeds. In addition, the 300-tonner offers simplified handling and even shorter rigging times. With the self-assembly option, the crane is able to quickly set itself up without an auxiliary crane. A further advantage is the carrier's capability to raise itself from a 900mm low-loader without the need for mats.



Key specifications	CC 1800-1
Max. lifting capacity at 6m radius	300t
Max. load moment	1912tm
Max. load moment with Superlift	4048tm
Engine	DaimlerChrysler OM 501 LA 260 / 353 kW / HP
Max. line pull	133kN
Track width	7.25m
Max. transport width	3m
Max. counterweight + central ballast	120t + 30t
Superlift counterweight carrier	200t



AC 30

AC 40-1

AC 50-1

AC 60

AC 80-2

AC 100

AC 100-L

AC 120

AC 200-1

AC 350

AC 500-1

AC 650

CC 1800-1

CC 2500

CC 2800

CC 8800

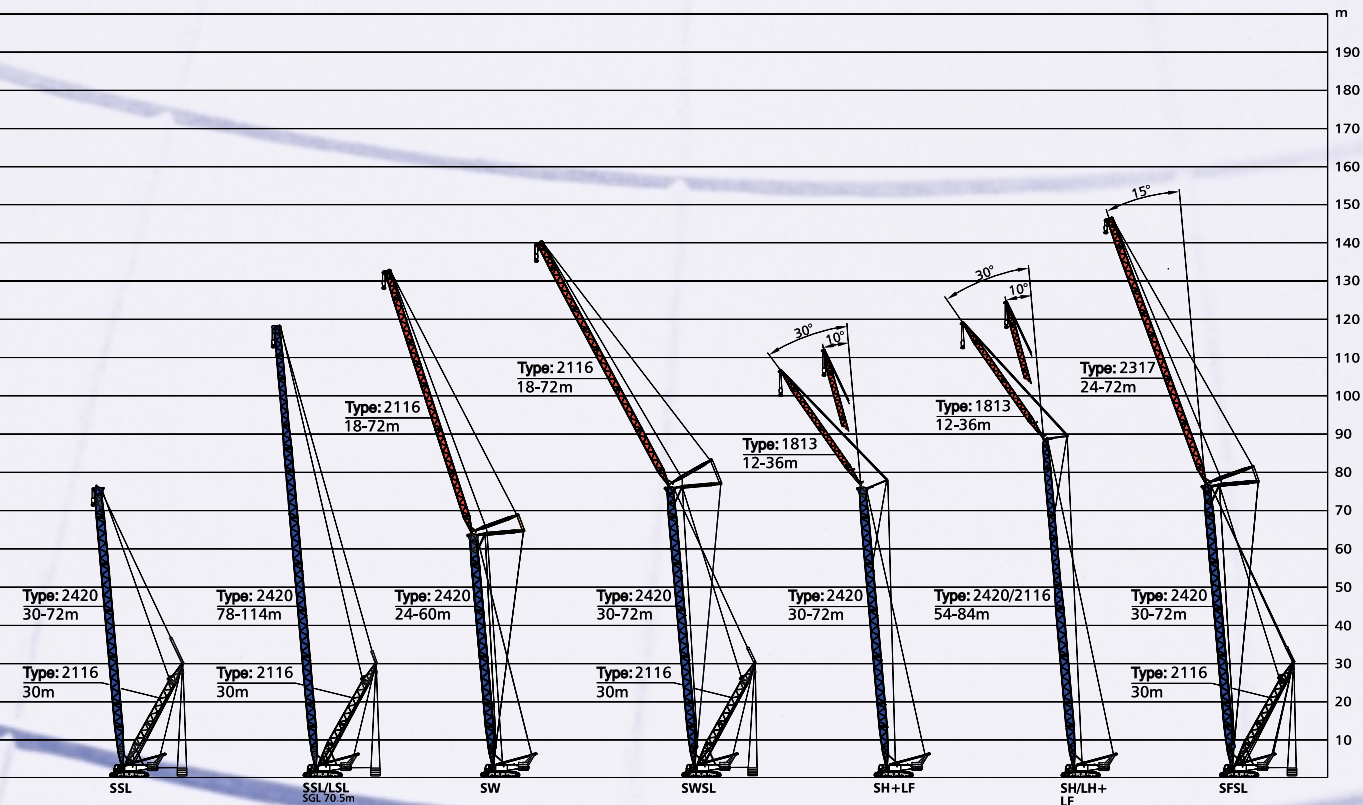
CC 12600

TC 2500

TC 2800



- ▶ Newly designed hydraulics in conjunction with 260kW DaimlerChrysler engine for significant increases in both working speed and propulsive power
- ▶ New crawler travel gear with innovative drive geometry giving minimum susceptibility to soil retention
- ▶ Optimised transport weights < 36t for every single component
- ▶ Ultra-modern, spacious cab comprising, as standard, air-conditioning and a camera system for monitoring the winch functions



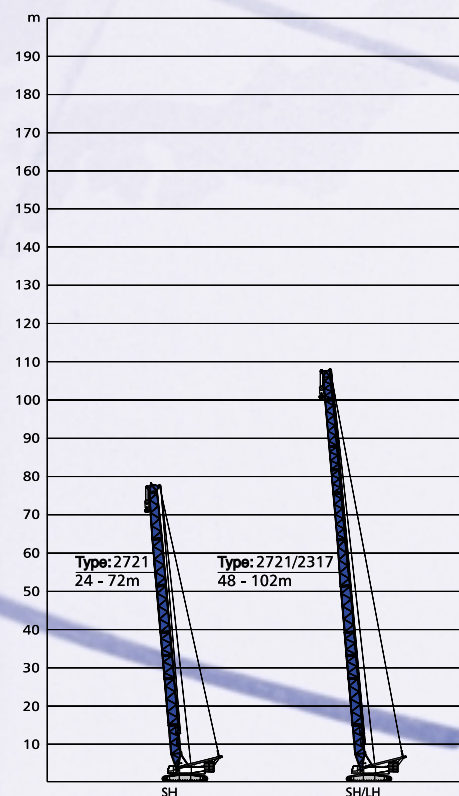
S = heavy · L = light · H = main boom · W = luffing jib · F = fixed jib · SL = Superlift · SGL = heavy base length

Demag CC 2500

The proven CC 2800 concept has been successfully incorporated into the design of the Demag CC 2500, a crane that likewise offers outstanding flexibility optimally combined with power and strength. Consequently, the CC 2500 features exceptional lifting capacities across all working ranges. And with a maximum 156m, it also sets new standards in boom length. The transport weight is less than 39t per individual component, with maximum dimensions of less than 3m in width and 2.4m in height. The spacious and comfortable cabin features a large new-generation monitoring display.



Key specifications		CC 2500
Max. lifting capacity at 7m radius		450t
Max. load moment		2700tm
Max. load moment with Superlift		5200tm
Engine	DaimlerChrysler OM 501 LA 315 / 420 kW / HP	
Max. line pull		146kN
Track width		7.8m
Max. transport width		3m
Max. counterweight + central ballast		140t + 30t
Superlift counterweight carrier		250t



AC 30

AC 40-1

AC 50-1

AC 60

AC 80-2

AC 100

AC 100-L

AC 120

AC 200-1

AC 350

AC 500-1

AC 650

CC 1800-1

CC 2500

CC 2800

CC 8800

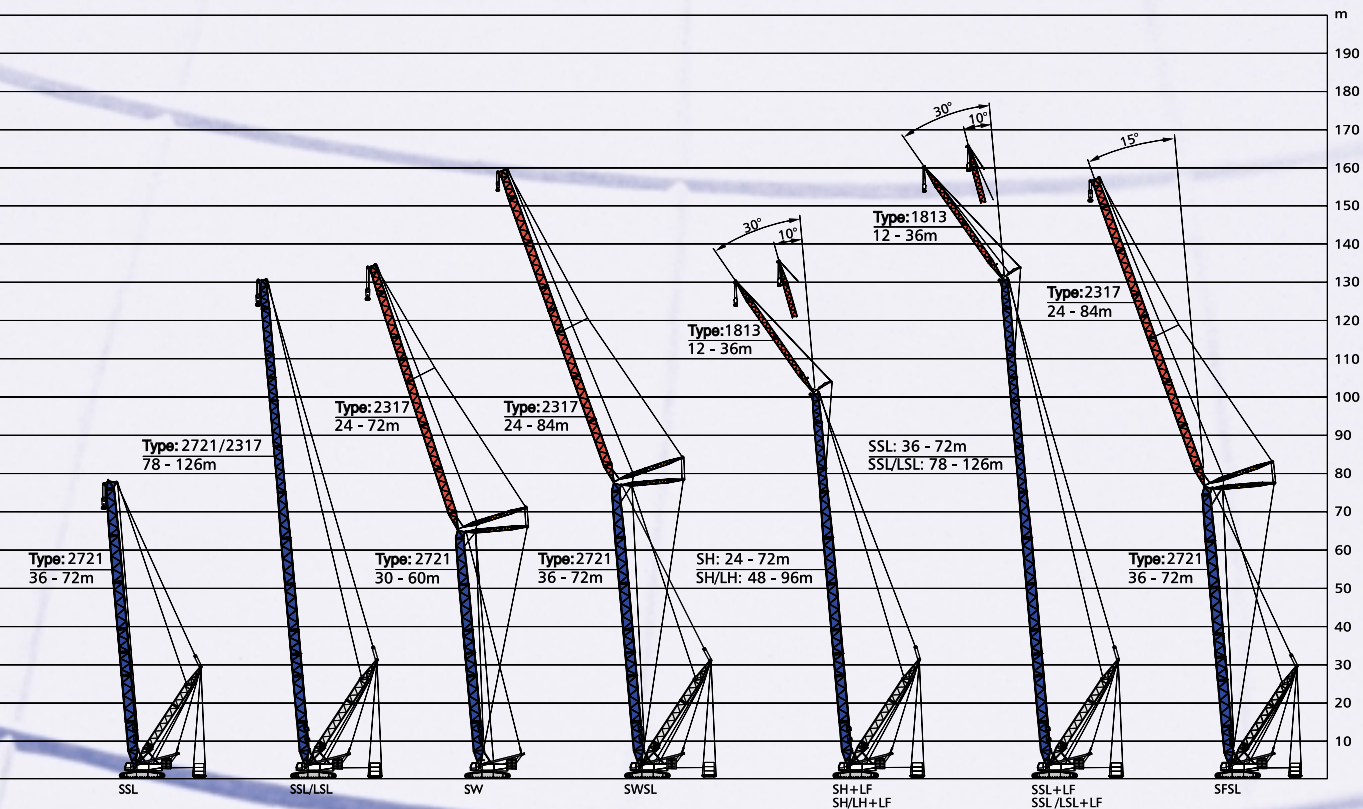
CC 12600

TC 2500

TC 2800



- ▶ 450t crawler crane based on the most successful design of the CC 2800
- ▶ Lifting capacities of the proven CC 2600 class
- ▶ Optimised and reduced transport weights < 39t for every single component
- ▶ High single line pull of 146kN



S = heavy · L = light · H = main boom · W = luffing jib · F = fixed jib · SL = Superlift · SGL = heavy base length

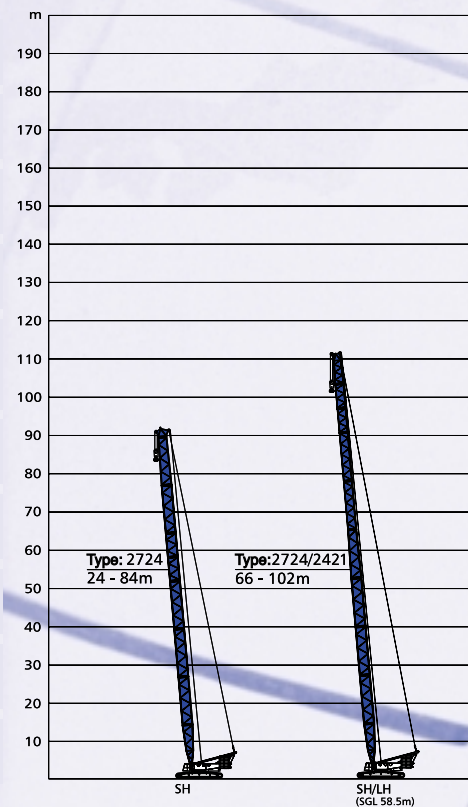
Demag CC 2800

The CC 2800 is a 600t crawler crane capable of exceptional lifting capacities across all working ranges. In the SWSL configuration with main boom plus jib, it offers a maximum boom length of 168m. One of its main features lies in its well-conceived transport and erection logistics. The boom components are dimensioned such that they can be slotted into each other for enhanced transportability. The heaviest single component weighs just 40t, with maximum dimensions below 3m in width and 2.8m in height.

During erection, considerable time savings are achieved through the use of four-section pin connections and easy-to-fit pendant bars.



Key specifications		CC 2800
Max. lifting capacity at 9m radius		600t
Max. load moment		4000tm
Max. load moment with Superlift		7000tm
Engine	DaimlerChrysler OM 502 LA 380 / 516 kW / HP	
Max. line pull		158kN
Track width		8.4m
Max. transport width		3m
Max. counterweight + central ballast		180t + 60t
Superlift counterweight carrier		325t



AC 30

AC 40-1

AC 50-1

AC 60

AC 80-2

AC 100

AC 100-L

AC 120

AC 200-1

AC 350

AC 500-1

AC 650

CC 1800-1

CC 2500

CC 2800

CC 8800

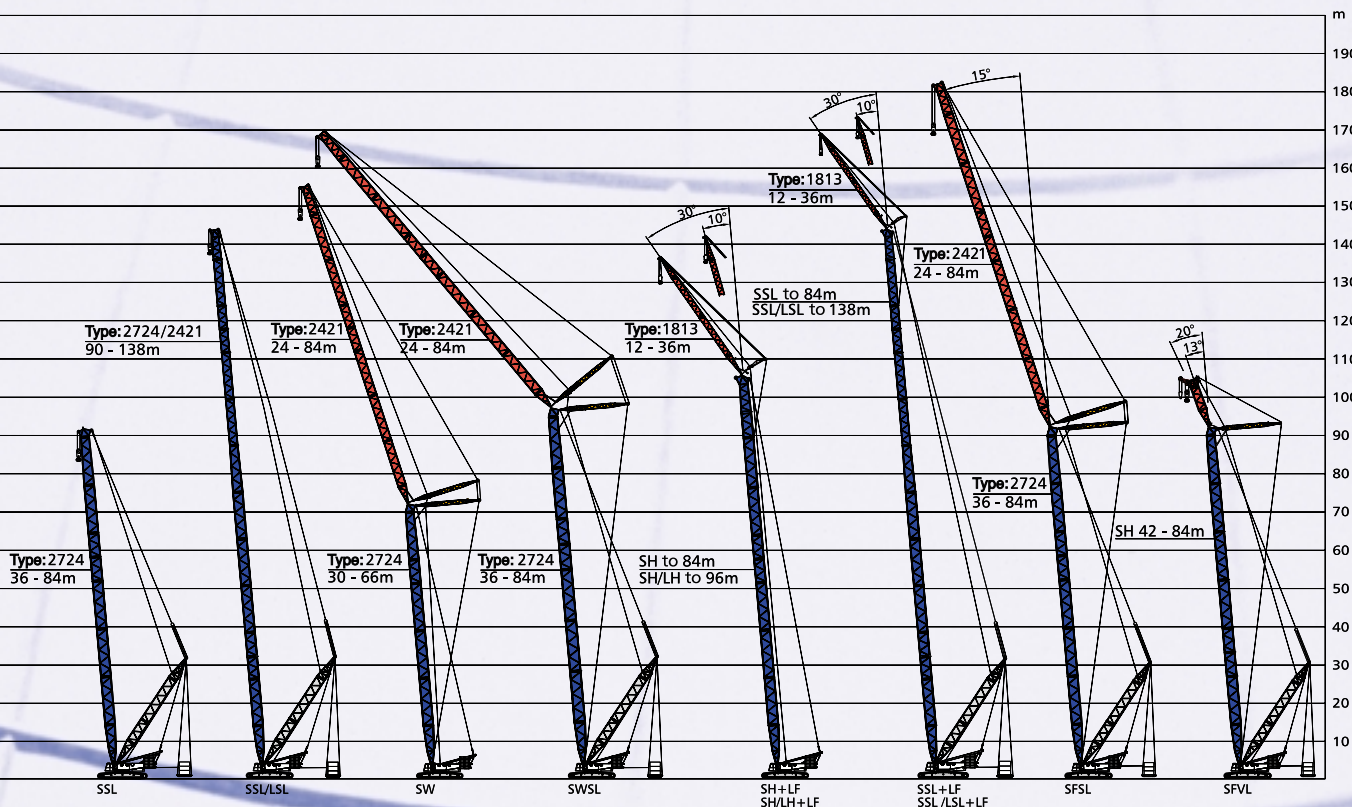
CC 12600

TC 2500

TC 2800



- ▶ Excellent lifting capacities throughout the whole working range
- ▶ Extremely simplified assembly and short rigging times
- ▶ Optimal transport volume, weights of single components reduced to < 40t each
- ▶ Easy transportation of basic machine on low-loaders within 4m transport height



S = heavy · L = light · H = main boom · W = luffing jib · F = fixed jib · SL = Superlift · SGL = heavy base length

Demag CC 8800

With a max. lifting capacity of 1250t and optimal transport weights and dimensions, the CC 8800 sets new standards. For transportation, all components are reducible to 40t and remain within a transport width of 3.5m. The CC8800 offers an impressive maximum boom length of 216m (main boom plus jib at 108m each). The maximum lifting capacity of 1250t is achieved with the SSL system and 78m main boom.

Also included in the optional package: A vessel lifter, i.e. a short, fixed jib which can be used wherever boom clearance is critical. New is a connecting frame adjustable to match the SL counterweight frame or counterweight carrier, as required.



1250t

Key specifications		CC 8800
Max. lifting capacity at 20m radius		1250t
Max. load moment with Superlift		20,640tm
Engine	2 x DaimlerChrysler OM 502 LA 760 / 1026 kW / HP	
Max. line pull		324kN
Track width		10.5m
Max. transport width		3.5m
Max. counterweight + central ballast		280t + 100t
Superlift counterweight carrier		640t

AC 30

AC 40-1

AC 50-1

AC 60

AC 80-2

AC 100

AC 100-L

AC 120

AC 200-1

AC 350

AC 500-1

AC 650

CC 1800-1

CC 2500

CC 2800

CC 8800

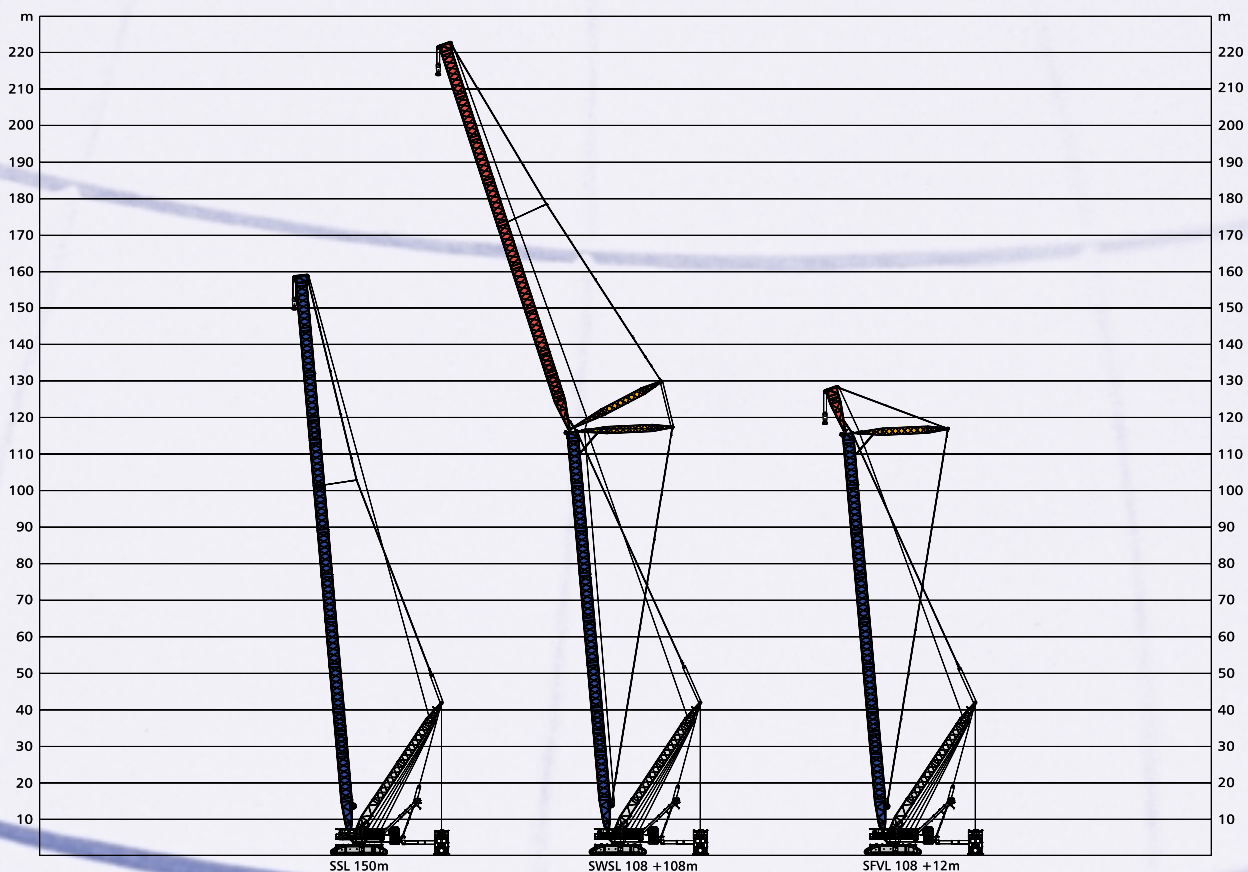
CC 12600

TC 2500

TC 2800



- ▶ 1250t lifting capacity at 20m radius
- ▶ Maximum boom length 216m (SWSL 108m + 108m)
- ▶ Transport weights reduced to max. 40t for each single component
- ▶ Maximum transport width 3.5m
- ▶ Spacious and comfortable cab with air-conditioning and video system for monitoring the winches



S = heavy · L = light · H = main boom · W = luffing jib · F = fixed jib · SL = Superlift · SGL = heavy base length

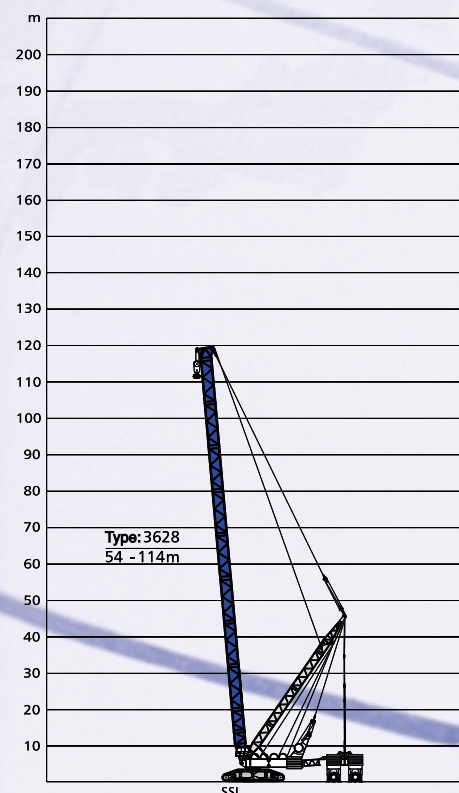
Demag CC 12600

With a maximum lifting capacity of 1600t and 22m radius, the Demag CC 12600 is the world's most powerful crawler crane with pick-and-carry capability.

The 114m main boom can be combined with a 120m luffing or fixed jib to give a maximum under-hook height of 234 m! All the crane components have been designed for effective transport logistics and can be easily assembled and dismantled.



Key specifications		CC 12600
Max. lifting capacity at 22m radius		1600t
Max. load moment with Superlift		39,000tm
Engine	2 x DaimlerChrysler OM 442 LA 810 / 1100 kW / PS	
Max. line pull		545kN
Track width		12.2m
Max. transport width		4m
Max. counterweight + central ballast		470t + 160t
Superlift counterweight carrier		1500t



AC 30

AC 40-1

AC 50-1

AC 60

AC 80-2

AC 100

AC 100-L

AC 120

AC 200-1

AC 350

AC 500-1

AC 650

CC 1800-1

CC 2500

CC 2800

CC 8800

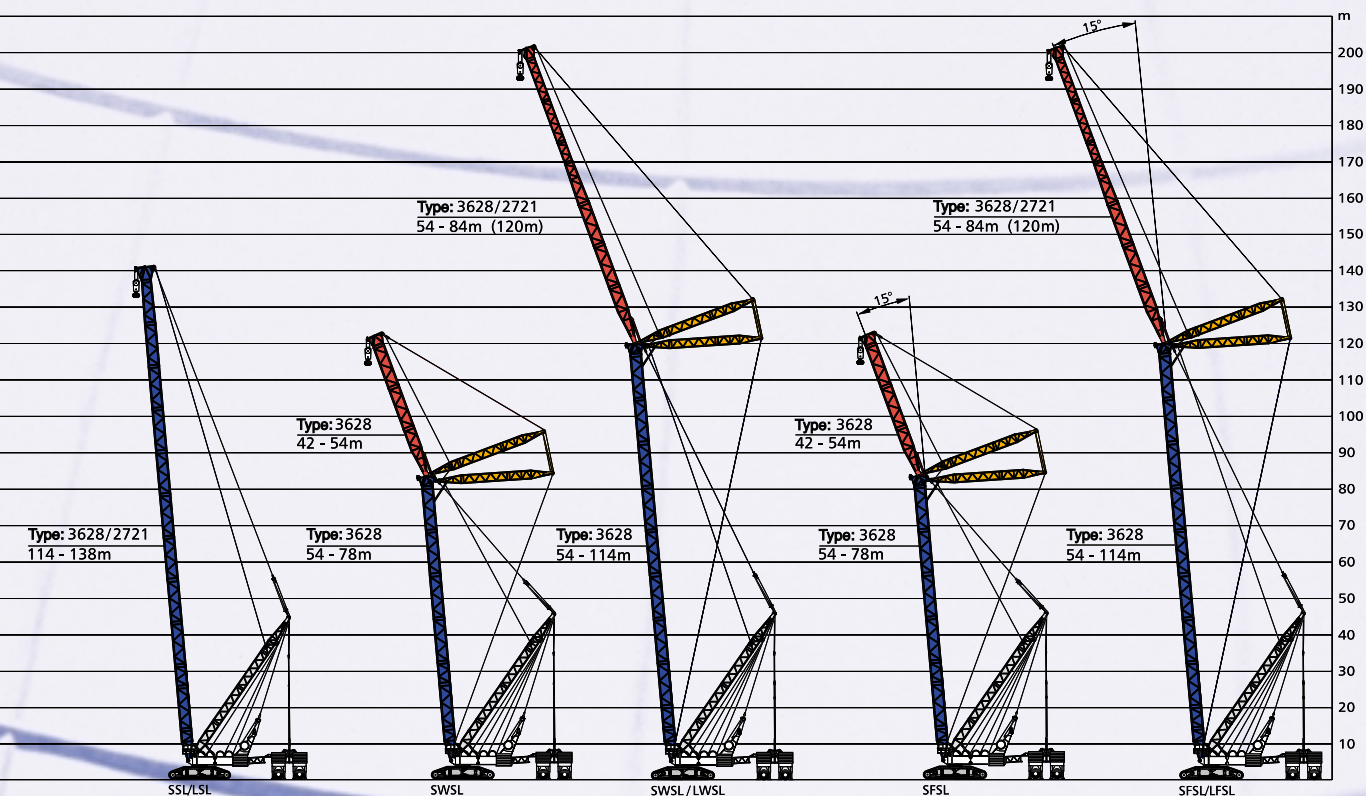
CC 12600

TC 2500

TC 2800



- ▶ The world's most powerful lattice-boom crawler crane with pick-and-carry capability
- ▶ 1600t lifting capacity at 22m radius
- ▶ Maximum boom length 234m
- ▶ Maximum transport width 4m



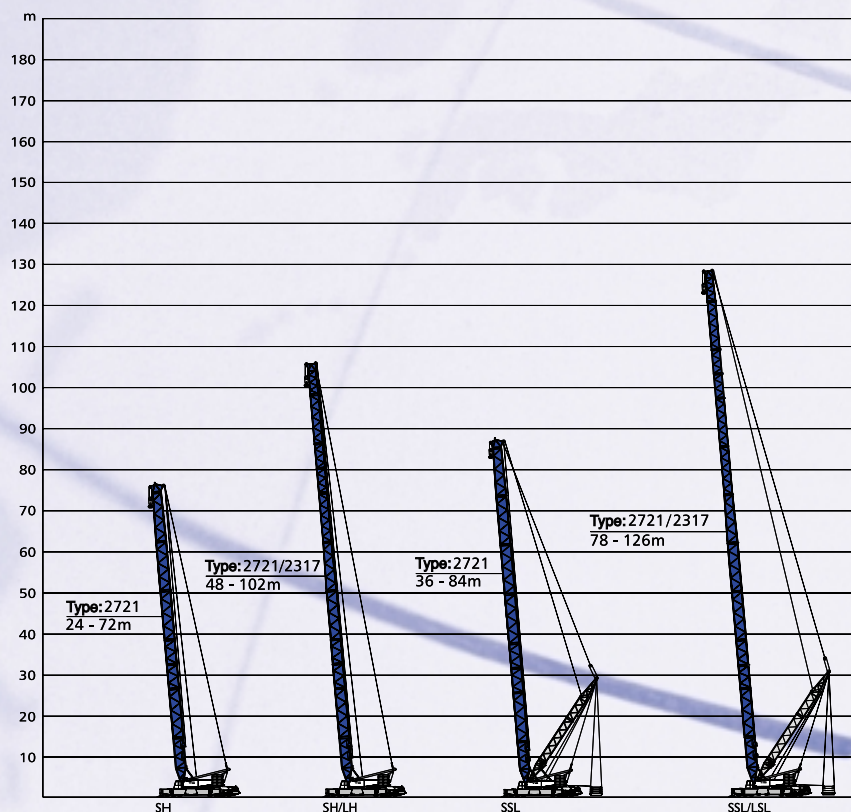
S = heavy · L = light · H = main boom · W = luffing jib · F = fixed jib · SL = Superlift · SGL = heavy base length

Demag TC 2500

The TC 2500 features a road-going carrier similar to that of the well-proven AC 500-1 and the superstructure of the CC 2500 crawler crane. Truck cranes are able to offer significant advantages under specific operational conditions. These include even greater flexibility in relation to transportation and erection as well as higher lifting capacities due to its large outrigger base. With 84m, the main boom length is even longer than that of the comparable crawler model CC 2500. The TC 2500 is available in either the seven or eight axle version with an overall carrier length of 17.95m each. In the 8-axle version, it is roadable with the complete superstructure inclusive of winches and A-frame, giving axle loads of not more than 10 tonnes.



- ▶ Great flexibility ensures considerable time and cost savings for transport and erection
- ▶ Large outrigger base gives outstanding lifting capacities and a maximum boom length of 168m
- ▶ Carrier available as 7 or 8-axle version
- ▶ 7-axle basic machine roadable incl. all drums and A-frame with 12 tonnes per axle, while axle loads are just 10t with the 8-axle carrier



AC 30

AC 40-1

AC 50-1

AC 60

AC 80-2

AC 100

AC 100-L

AC 120

AC 200-1

AC 350

AC 500-1

AC 650

CC 1800-1

CC 2500

CC 2800

CC 8800

CC 12600

TC 2500

TC 2800

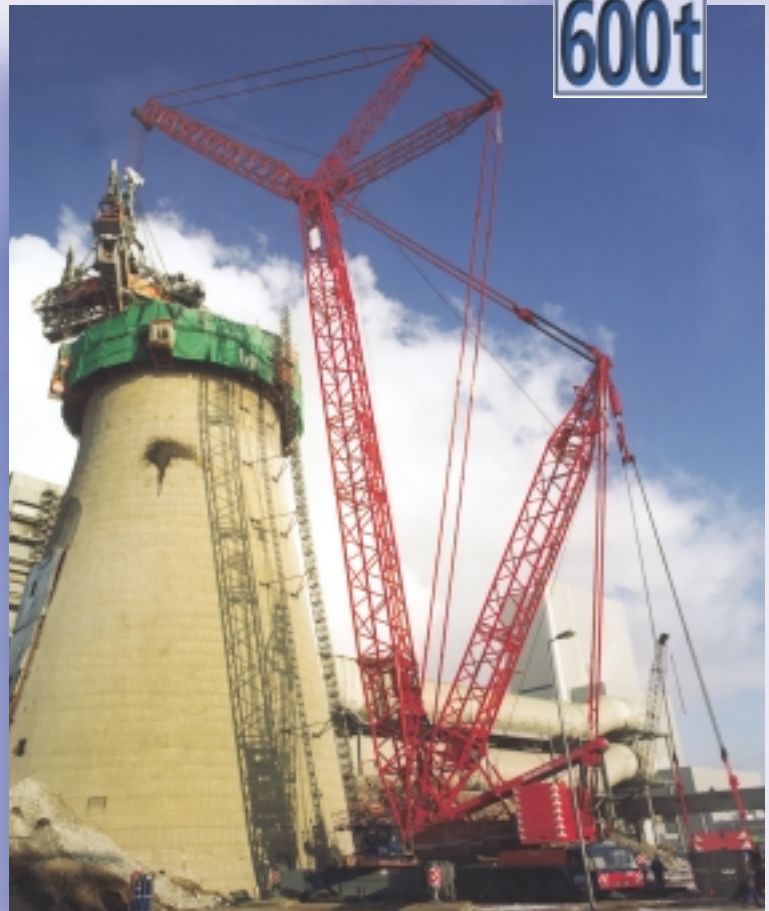
Key specifications	TC 2500
Max. lifting capacity at 8m radius	450t
Max. load moment	2750tm
Max. load moment with Superlift	5248tm
Overall length	17.95m
Carrier engine	DaimlerChrysler OM 502 LA 448 / 609 kW / HP
Superstructure engine	DaimlerChrysler OM 501 LA 315 / 420 kW / HP
Drive / Steering	14 x 8 x 14
Max. travel speed	70km/h
Turning radius	15.55m
Max. gradeability at 1km/h	46%
Max. counterweight	160t
Max. SL-counterweight	230t



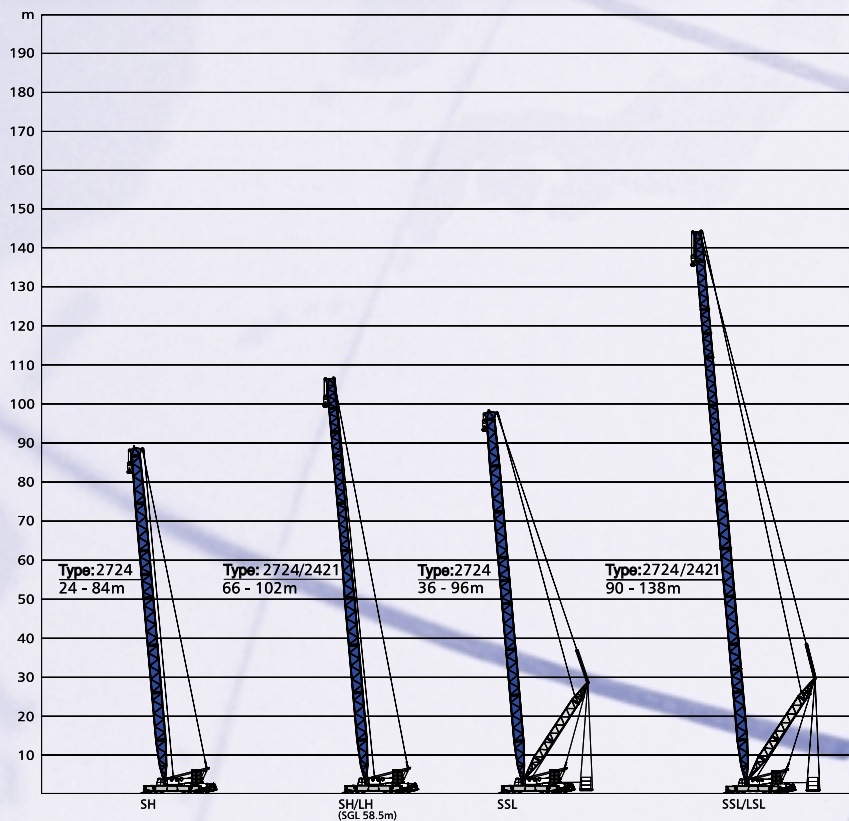
S = heavy · L = light · H = main boom · W = luffing jib · F = fixed jib · SL = Superlift · SGL = heavy base length

Demag TC 2800

The TC 2800 truck crane is a combination of the type of carrier used for the large telescopic cranes (similar to the AC 500-1) and the superstructure of the CC 2800 crawler crane. In addition to the configuration used for the CC 2800, both the main boom and jib of the TC 2800 feature an additional 12m section. This gives a maximum boom length of 192m (96m + 96m) in the SWSL combination. Like the TC 2500, the total length of the carrier is 17.95m. The complete superstructure with winches and A-frame is roadable without exceeding 12 tonnes per axle.



- ▶ Great flexibility ensures considerable time and cost savings for transport and erection
- ▶ Large outrigger base gives outstanding lifting capacities and a maximum boom length of 192m
- ▶ Significantly reduced transport units by comparison with the corresponding crawler crane model
- ▶ Basic machine roadable incl. all drums and A-frame with 12t axle loads



AC 30

AC 40-1

AC 50-1

AC 60

AC 80-2

AC 100

AC 100-L

AC 120

AC 200-1

AC 350

AC 500-1

AC 650

CC 1800-1

CC 2500

CC 2800

CC 8800

CC 12600

TC 2500

TC 2800

Key specifications	TC 2800
Max. lifting capacity at 7m radius	600t
Max. load moment	4000tm
Max. load moment with Superlift	7000tm
Overall length	17.95m
Carrier engine	DaimlerChrysler OM 502 LA 448 / 609 kW / HP
Superstructure engine	DaimlerChrysler OM 502 LA 380 / 516 kW / HP
Drive / Steering	16 x 8 x 16
Max. travel speed	62km/h
Turning radius	16.1m
Max. gradeability at 1km/h	40%
Max. counterweight	200t
Max. SL-counterweight	300t

