



TEREX | COMEDIL

H20 Tower

Dimensions and Weights

1

HANDLING AND TRANSPORTATION

1.1

DIMENSIONS AND WEIGHTS

Chapter 4

A

1

HANDLING AND TRANSPORTATION

The crane components have been designed to be divided into modules to simplify packing and handling for different means of transportation (lorries, railway carriages, containers, etc.).

As the cranes are made of steel structural elements, special measures other than the ones described below are not necessary for movement, transportation and stowage.

- 1) Light modules shall be placed on top of heavy ones.
- 2) All elements shall be well secured to the means of transportation.
- 3) To prevent damages to the painted surfaces, place padded or wooden separating materials between the elements.
- 4) Make sure that the crane components are not in direct contact with the ground during the unloading phases to prevent impurities (sand, earth, etc.) from entering the mounting holes.
- 5) Do not use unsuitable means of transportation to move the crane parts, such as bulldozers or lift trucks.

1.1

DIMENSIONS AND WEIGHTS

A detailed description of the dimensions and weights of the crane components is given in the following pages.





NOTE: THE TABLES IN THE FOLLOWING PAGES SHOW THE UNITARY WEIGHT OF THE CRANE COMPONENTS.


THE DIMENSIONS OF THE CRANE COMPONENTS, SHOWN IN THE FOLLOWING TABLES REFER TO THE PART ASSEMBLED AS IN THE PICTURE

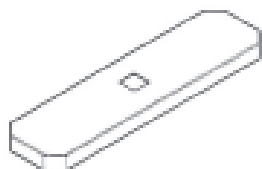
DIMENSIONS AND WEIGHTS

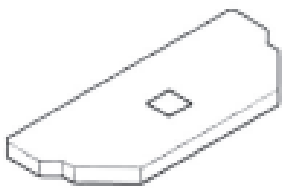
H20 TOWER COMPONENTS


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	M45 ANCHOR BOLT	1,4 m (4' 7")		25 kg (55 lbs)
		WIDTH		
		0.25 m (10")		
		HEIGHT		
		0.05 m (2")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	BASE PLATE (<i>R</i> - RTL installation)	0.65 m (2' 2")	4	280 kg (617 lbs)
		WIDTH		
		0.65 m (2' 2")		
		HEIGHT		
		0.69 m (2' 3")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	BASE PLATE (<i>F</i> - FTR installation)	0.65 m (2' 2")	4	215 kg (474 lbs)
		WIDTH		
		0.65 m (2' 2")		
		HEIGHT		
		0.39 m (1' 3")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	SR "A1" BASE BALLAST	5.8 m (19')		7250 kg (<i>15,986 lbs</i>)
		WIDTH		
		1.5 m (4' 11")		
		HEIGHT		
		0.38 m (1' 3")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	ST "B2" BASE BALLAST	4.2 m (13' 9")		4400 kg (9,702 lbs)
		WIDTH		
		1.7 m (5' 7")		
		HEIGHT		
		0.38 m (1' 3")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	SR "C1" BASE BALLAST	2 m (6' 7")		2500 kg (5,513 lbs)
		WIDTH		
		1.5 m (4' 11")		
		HEIGHT		
		0.35 m (1' 2")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	6×6 m (20×20 ft) UNDERCARRIAGE LONG BEAM	8,95 m (29' 4")	1	2088 kg (4,604 lbs)
		WIDTH		
		0,50 m (1' 8")		
		HEIGHT		
		1,05 m (3' 5")		

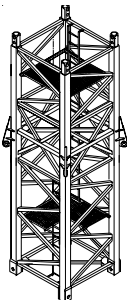
	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	6×6 m (20×20 ft) UNDERCARRIAGE SHORT BEAM	4,4 m (14' 5")	2	1010 kg (2,227 lbs)
		WIDTH		
		0,5 m (1' 8")		
		HEIGHT		
		1,05 m (3' 5")		

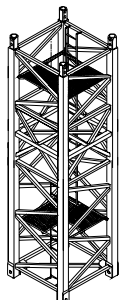
	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	6×6 m (20×20 ft) UNDERCARRIAGE JOINING SLEEPER	5,5 m (18' 1")	2	280 kg (617 lbs)
		WIDTH		
		0,15 m (0' 6")		
		HEIGHT		
		0,48 m (1' 7")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>6×6 m (20×20 ft) UNDERCARRIAGE JOINING SLEEPER</i>	5,5 m (18' 1")	2	220 kg (485 lbs)
		WIDTH		
		0,15 m (0' 6")		
		HEIGHT		
		0,48 m (1' 7")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>6×6 m (20×20 ft) UNDERCARRIAGE STRUT</i>	5,10 m (16' 9")	4	500 kg (1,103 lbs)
		WIDTH		
		0,24 m (0' 9")		
		HEIGHT		
		0,30 m (0' 12")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>STRUT MOUNTING LADDER</i>	4,10 m (13' 5")	1	45 kg (99 lbs)
		WIDTH		
		3,35 m (10' 12")		
		HEIGHT		
		2,25 m (7' 5")		

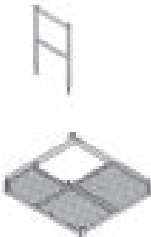
TRANSPORT BY CONTAINER	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>STRUT MOUNTING TOWER ELEMENT HA20 18.8TA FOR 6×6 m (20×20 ft) UNDERCARRIAGE</i>	7,50 m (24' 7")	1	6660 kg (14,685 lbs) <small>(including ladders, platforms, assembly equipment and strut mounting brackets)</small>
		WIDTH		
		2.3 m (7' 7")		
		HEIGHT		
		2.3 m (7' 7")		

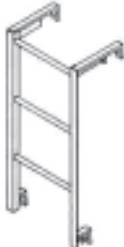
TRANSPORT BY TRUCK	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>STRUT MOUNTING TOWER ELEMENT HA20 18.8TA FOR 6×6 m (20×20 ft) UNDERCARRIAGE</i>	7,50 m (24' 7")	1	6308 kg (13,909 lbs) <small>(including ladders, platforms and assembly equipment)</small>
		WIDTH		
		1,95 m (6' 5")		
		HEIGHT		
		1,95 m (6' 5")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	BRACKET FOR STRUT CONNECTION	0.96 m (3' 2")	4	87 kg (192 lbs)
		WIDTH		
		0.37 m (1' 3")		
		HEIGHT		
		0.28 m (11")		


	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	HA20 18.10 B TOWER ELEMENT	10 m (32' 10")	1	6685 kg (14,740 lbs)
		WIDTH		
		2 m (6' 7")		
		HEIGHT		
		1.95 m (6' 5")		7000 kg (15,435 lbs) (including ladders, platforms and assembly equipment)

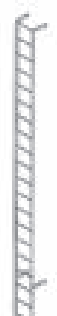
	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	HA20 18.4 S TOWER ELEMENT	3.75 m (12' 4")		2753 kg (6,070 lbs)
		WIDTH		
		2 m (6' 7")		
		HEIGHT		
		1.95 m (6' 5")		2955 kg (6,516 lbs) (including ladders, platforms and assembly equipment)

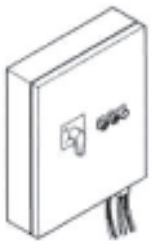
	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	TOWER PLATFORM	1.50 m (4' 11")		77 kg (170 lbs)
		WIDTH		
		1.62 m (5' 4")		
		HEIGHT		
		1 m (3' 3")		

	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	HA20 18.10 B and HA20 18.4 TOWER PLATFORM LADDER	0.93 m (3' 1")		11 kg (24 lbs)
		WIDTH		
		0.28 m (0' 11")		
		HEIGHT		
		0.42 m (1' 5")		

	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>HA20 18.4</i> TOWER PLATFORM LADDER	2.65 m (8' 8")		31 kg (68 lbs)
		WIDTH		
		0.28 m (0' 11")		
		HEIGHT		
		0.42 m (1' 5")		

	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>HA20 18.10 B</i> LOWER LADDER	5.06 m (16' 7")	1	42 kg (93 lbs)
		WIDTH		
		0.28 m (0' 11")		
		HEIGHT		
		0.42 m (1' 5")		

	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	<i>HA20 18.10 B</i> UPPER LADDER	5.65 m (18' 6")	1	46 kg (101 lbs)
		WIDTH		
		0.28 m (0' 11")		
		HEIGHT		
		0.42 m (1' 5")		

	DESCRIPTION	LENGTH	QUANTITY	WEIGHT
	ELECTRICAL BOX (QEL)	0.81 m (2' 8")	1	68 kg (150 lbs)
		WIDTH		
		0.30 m (12")		
		HEIGHT		
		1.01 m (3')		