Empty Container Handler

XCH907K

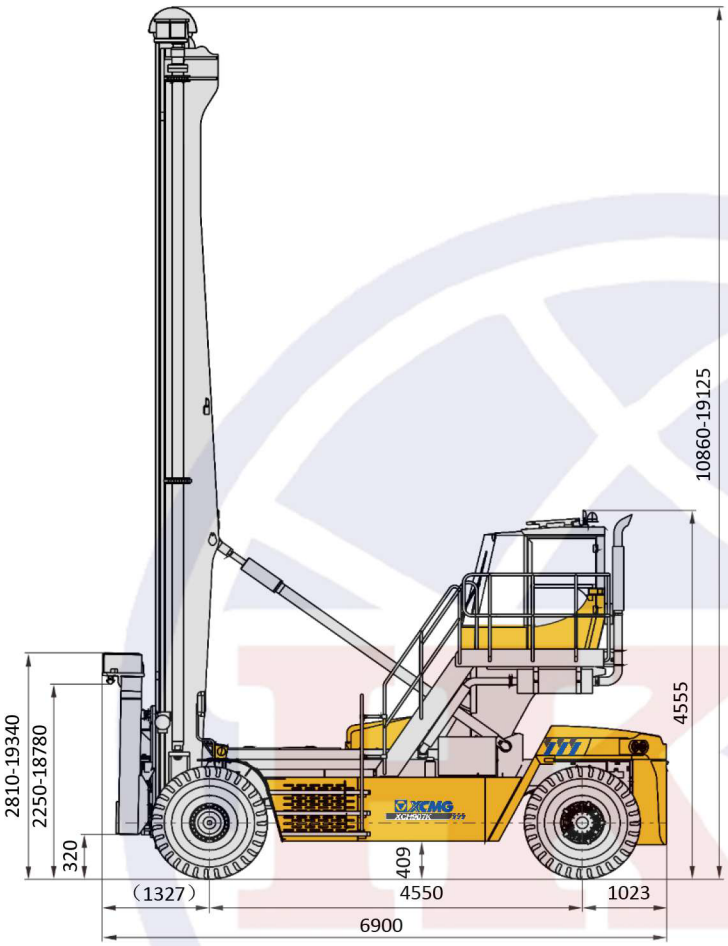
XCMG

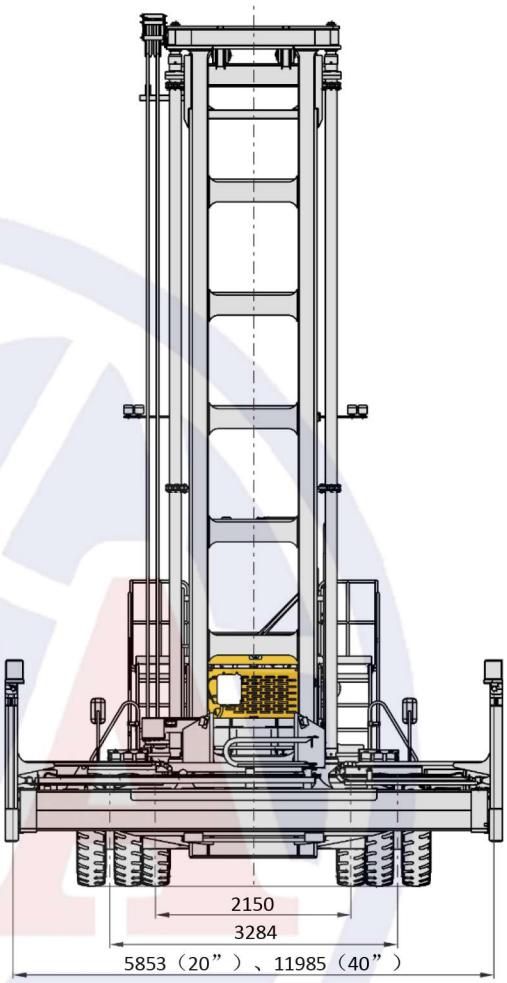
PT. HASTA KARYA ANANTA

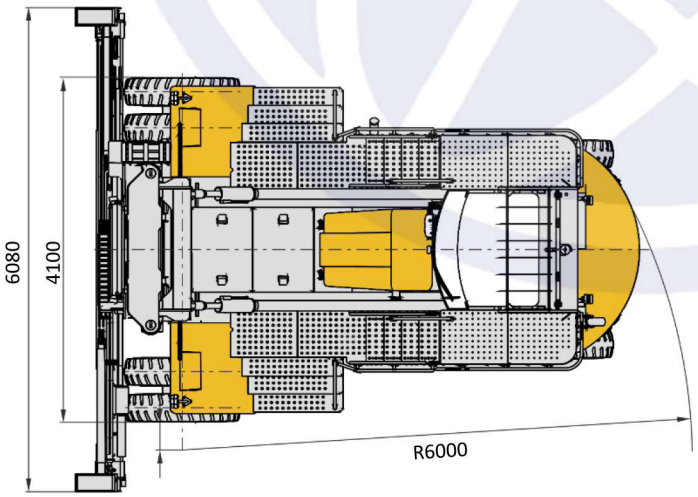
SALES - RENTAL- SERVICE - SPAREPART - TRADE IN

Contents

Dimensions


10860-19125
4555
2810-19340
2250-18780
320
409
(1327)
4550
1023
6900


2150
3284
5853（20”）、11985（40”）


6080
4100
R6000

Standard equipment

Spreader	XCMG spreader for single container, applicable to handling ISO 20′ and 40′ containers. Its maximum lifting capacity is 9 t, and side shift is ±600 mm.
Cab	Integrated design for driving and operating functions, simple and artistic appearance. Panoramic, low-instrument panel design, wide view. Ergonomically designed inner space, spacious and comfortable with high power heating and air conditioning device equipped. A large screen display is easy to use.
Engine	TAD851VE, in line, six-cylinder, water-cooled, turbocharged, electric control diesel engine, manufactured by Volvo , Sweden ; Rated power 185 kW/2200rpm, max. torque 1160 Nm / 1350 rpm; Emission compliance: compliant with off-road U.S. EPA Tier 3/EU Stage IIIA; Fuel tank capacity: approx. 550L.
Transmission	TE14, automatic transmission (with manual shift) manufactured by America Dana, with 3 forward and 3 reverse gears available.
Drive axle	D81PL488, German KESSLER heavy duty drive axle, high reliability and easy to maintain.
Tires	6 diagonal tires, with large bearing capacity and specialized pattern for port machines, suitable for the requirements of empty container handler under various working conditions. Tire specifications: 14.00-24 28PR.
Suspensions	Front axle is rigidly connected with frame for high stability while driving with a container suspended; rear axle is hinged with frame for buffering road shock through the hinged mechanism.
Brakes	Service brake: wet disc brake, acting on the front wheels. Automatic braking is available in case of lower system pressure. Parking brake: spring-loaded brake and hydraulic-released independent disc brake, acting on the front axle.
Steering	Rear axle is full hydraulic power steering, the turning angle of rear wheels is up to 73°, and the turning radius of whole machine is 5950 mm.
Hydraulic system	Electric proportional variable pump system, with load sensitive function, energy economy. A high power, air cooled hydraulic oil radiator is used to cool the system. Oil tank capacity: 420L.
Electric System	DC 24 V, negative ground, 2 batteries. There are headlamps, reverse lamp and turn lamps available in lighting system.
Safety devices	Dynamic load protection technology makes the traveling speed be limited according to machine load, contributing to driving safety of the machine with a container suspended. Overload protection, backup camera and reverse alarm are available.
Frame	Frame is made of fine grain high tension steel, with anti-torsion large cross-section, strong carrying capacity. Finite element analysis and zero order design optimization method adopted for key structures ensure the strength and stiffness of structural members.
Mast	Two-stage, telescopic mast, anti-torsion design, leading to better operating performance and anti-torsion ability.

Additional equipment

Coolant heating device	It is used to heat engine coolant, facilitating to start engine, applicable in cold areas.

Product parts list is as mentioned above, refer to the product quotation for specific parts.

Weight

Item	Front Axle	Rear Axle	Total weight
Unloaded	24874kg	15586kg	40460kg
Rated load	38586kg	10874kg	49460kg

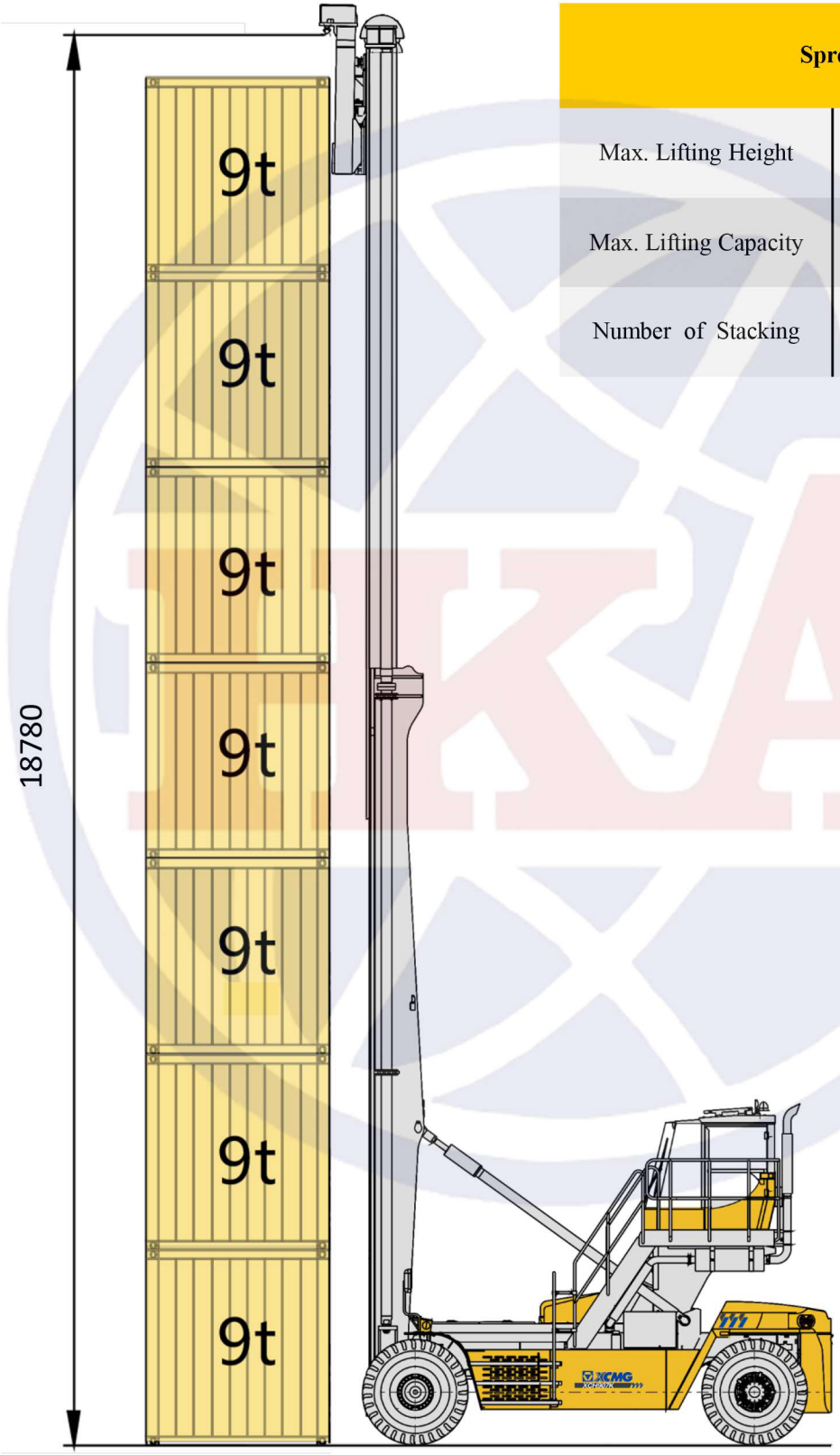
The axle loads listed in the table are the values when mast is vertical.

Working speeds

Item	Unloaded	Rated load
Lifting speed	600mm/s	550mm/s
Lowering speed	550mm/s	600mm/s
Traveling speed	28km/h	26km/h

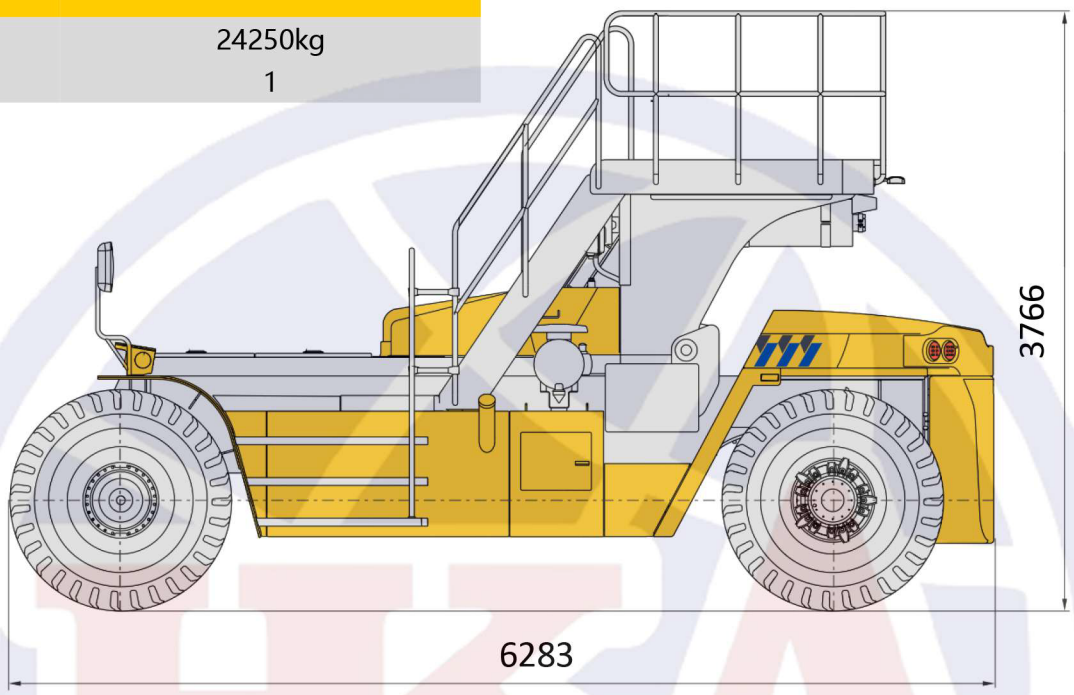
Spreader specifications

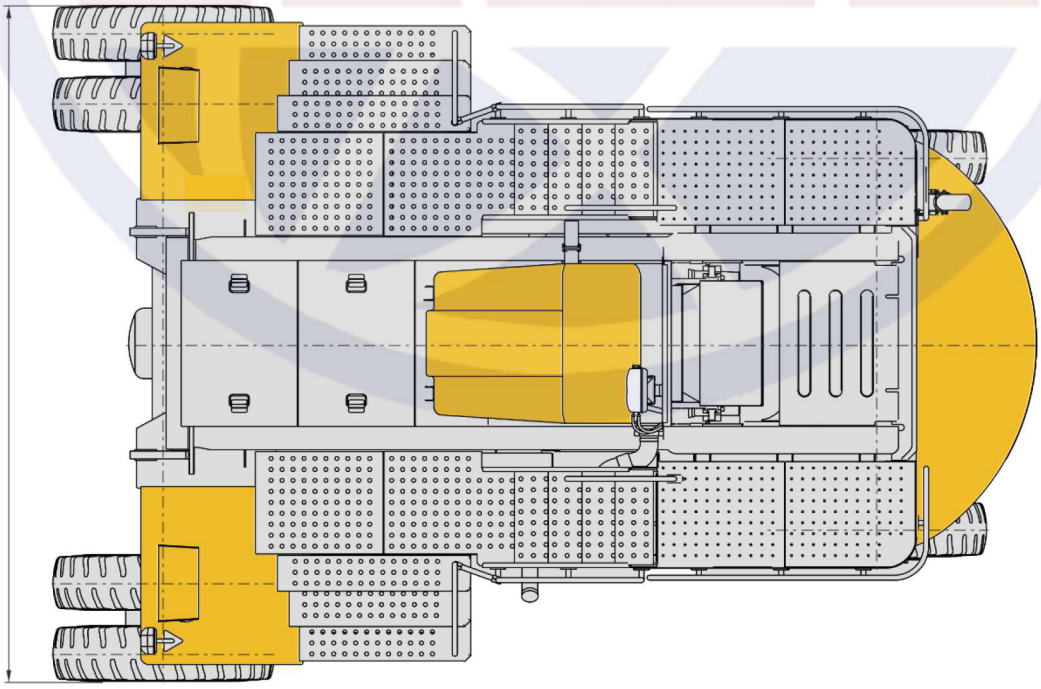
Item	Spreader for single container (XCMG)
Lifting capacity	9000kg
Side shift	±600mm
Telescoping time	22s
Lock\unlock time	1s



Spreader	
Max. Lifting Height	18780mm
Max. Lifting Capacity	9t
Number of Stacking	7 (8'6") /6 (9'6")

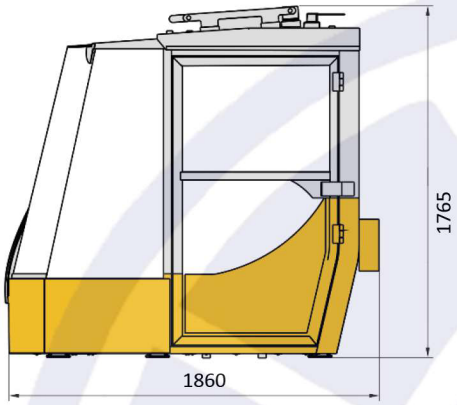
1	Main machine
Weight	24250kg
Qty	1

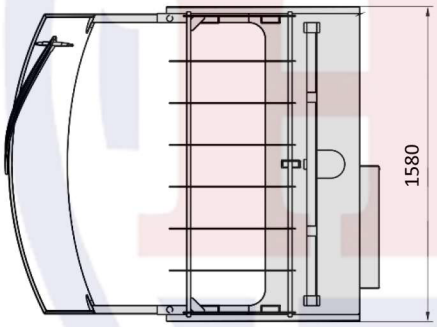




2 Cab

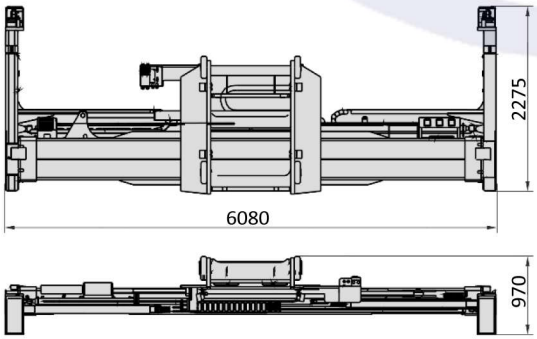
Weight	750kg
Qty	1





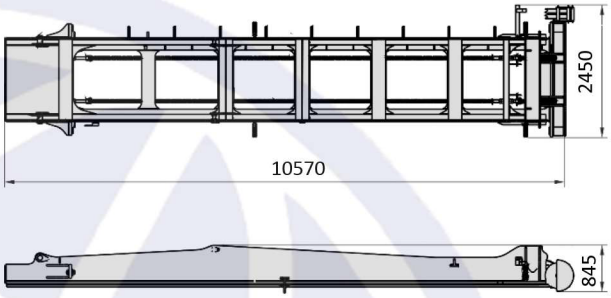
3 Spreader

Weight	4733kg
Qty	1



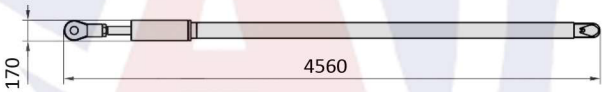
4 Mast assembly

Weight	9710kg
Qty	1



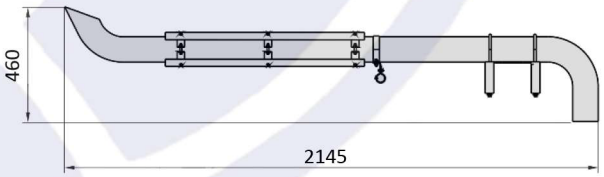
5 Tilt cylinder

Weight	492kg
Qty	2



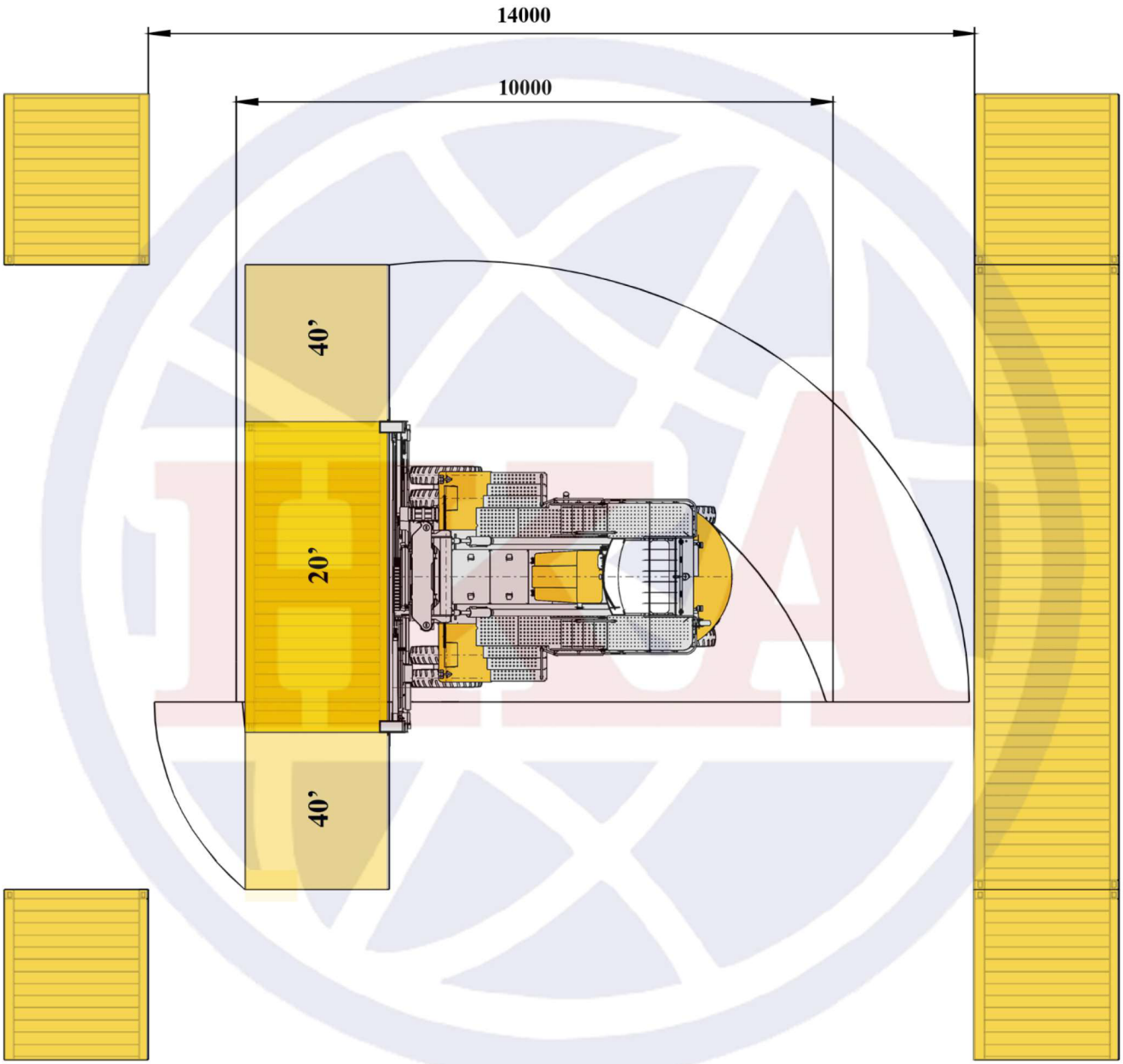
6 Muffler

Weight	33kg
Qty	1



NOTES: All of these are single piece weight, and mast assembly include mast and lifting cylinders.

Aisle width



Main Technical Data

No.	Item		Unit	Parameter	Tolerance
1	length		mm	6900	±1%
2	Width		mm	6080	±1.5%
3	Height	Mast	mm	10860	±1%
4		Cab	mm	4600	±1%
5		Max.height	mm	19125	±1%
6	Wheelbase		mm	4550	±1%
7	Trace	Front	mm	3284	±2%
9		Rear	mm	2150	±2%
10	Overhang	Front	mm	1327	±3%
11		Rear	mm	1023	±3%
12	ground clearance	Under mast	mm	320	≥95%
13		Center of Wheelbase	mm	409	≥95%
14	Max. traveling speed	Unloaded	km/h	28	±10%
15		Rated load	km/h	26	±10%
16	Min. turning radius		mm	6000	≤105%
17	Max. drawbar pull		kN	180	≥90%
18	Max grade ability		%	25%	≥90%
19	Dead weight		kg	40460	±3%
20	Rated lifting capacity		kg	9000	±5%
21	Height under twistlock		mm	2250	±1.5°
22	Max. lifting height		mm	18780	±1.5°
23	Mast tilting	Front	°	2	±0.5°
24		Rear	°	4	±0.5°
25	Max. lifting speed	Unloaded	mm/s	600	±10%
26		Rated load	mm/s	550	±10%
27	Max. lowering speed	Unloaded	mm/s	550	±10%
28		Rated load	mm/s	600	±10%

Main parts list

N0.	Name	Model	Manufacturer
1	Spreader	XDJ90	Xuzhou XCMG Port Machine Co.,Ltd.
2	Spreader	SLV40	Sweden Bromma
3	Engine	TAD851VE	Sweden ,Volvo
4	Transmission	TE14	America Dana
5	Drive Axle	D81PL488-NLB	Germany Kessler
6	Tire	14.00-24-28PR	Guizhou Tyre Co., Ltd.
7	Rim	XCH907K_29.1.1	GKN Power Solution (Liuzhou) company Limited
8	Cab	XCH907K.03	Yangzhou Yangzi Metal Fabricating Co., Ltd.

Notes

1. All information in the brochure is provided for reference only. Never rely on it to operate the machine. Refer to the operation manual for operation instructions of the machine.
2. Container handlers belong to off-road machines. Local traffic rules and regulations must be observed. For long-distance job site transfer, use a trailer and take GVW, axle load and dimensions of the machine into consideration.
3. The machine must be operated on firm ground, which gradient does not exceed 3%.
4. Operation of the machine is permissible only when the wind force is below grade 6.
   When operating the machine under wind, it is necessary to observe wind speed, equipment status and operating environment. In addition, the wind velocity on the ground is different with that in the high air, and it is also different on flat ground and in city air, which shall be taken into account