

# CONTAINER LOADING AND UNLOADING, STACKING AND HORIZONTAL TRANSPORTATION



## Empty Container Handler

# XCH1008K

## Product Specifications

LIFTING CAPACITY

**10,000 kg**

TRAVEL SPEED

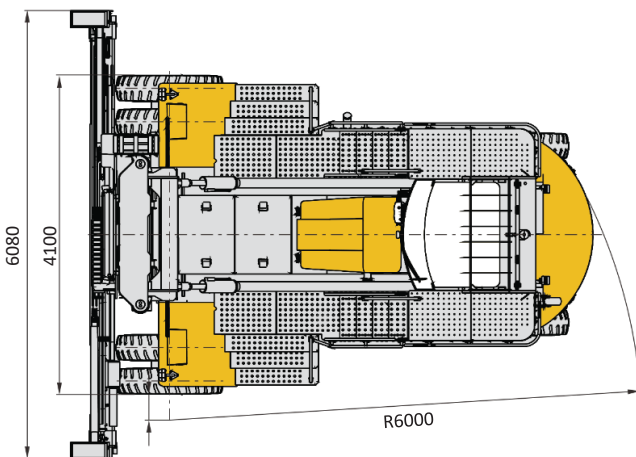
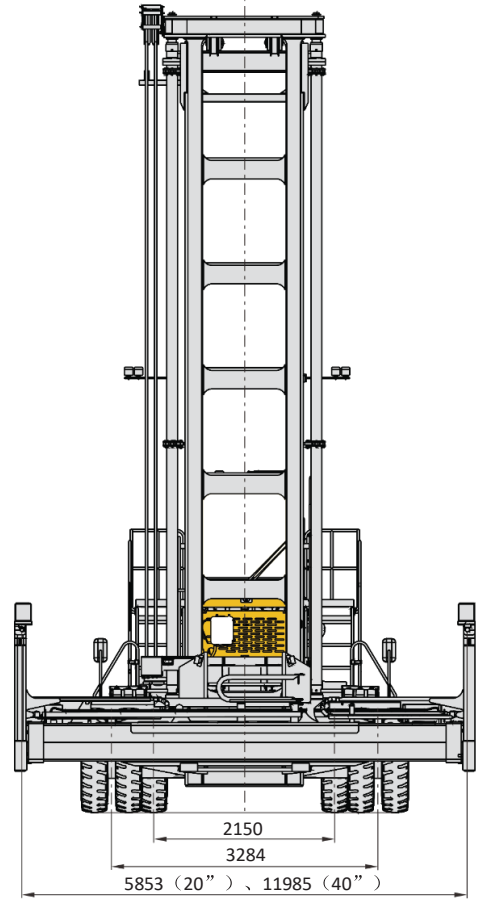
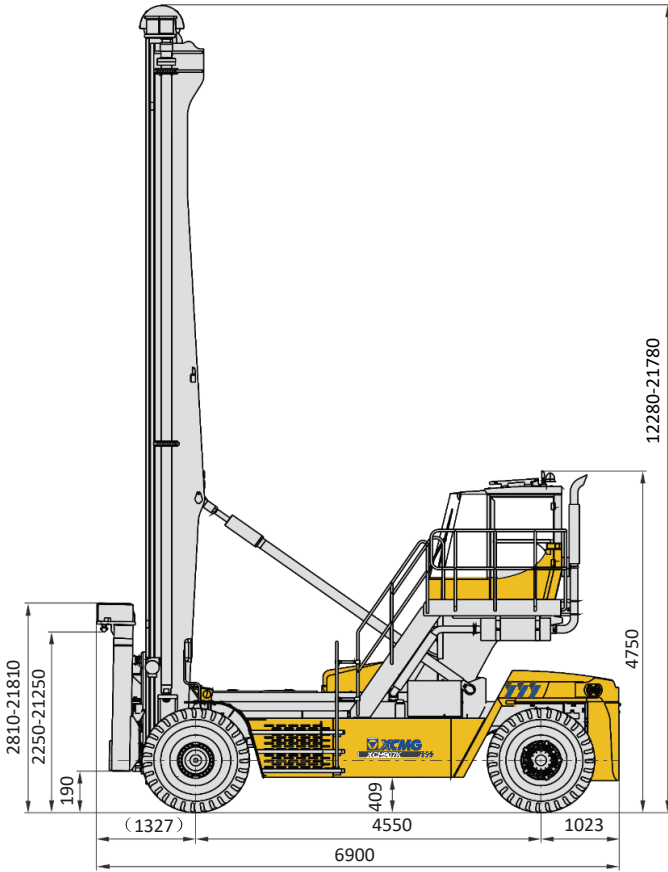
**28 km/h**

OVERALL LENGTH

**6,900 mm**

ENGINE

**Cummins**



☎ 1300 BROOKS (276 657)  
@ sales@brooksequipment.com.au  
🌐 www.brooksequipment.com.au



## STANDARD EQUIPMENT

### Spreader

XCMG spreader for double container, applicable to handling ISO20' and 40'containers. Its maximum lifting capacity is 10 t, and side shift is  $\pm 600$  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

QSC8.3 engine manufactured by Cummins; Rated power 194 kW/2200rpm, max. torque 1160Nm/1350rpm; Emission compliance: compliant with off-road U.S.EPATier3/EUStageIII A; Fuel tank capacity: approx. 550L.

### Transmission

TE17, 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: 14.00-2428PR.

### Mast

Two-stage, telescopic mast, anti-torsion design, leading to better operating performance and anti-torsion ability.

### 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.

### Steering

Service brake: wet disc brake, acting on the front wheels, and equipped with independent cooling tank, high performance filter and radiator. Parking 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 machines 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.

### 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.



## KEY SPECIFICATIONS

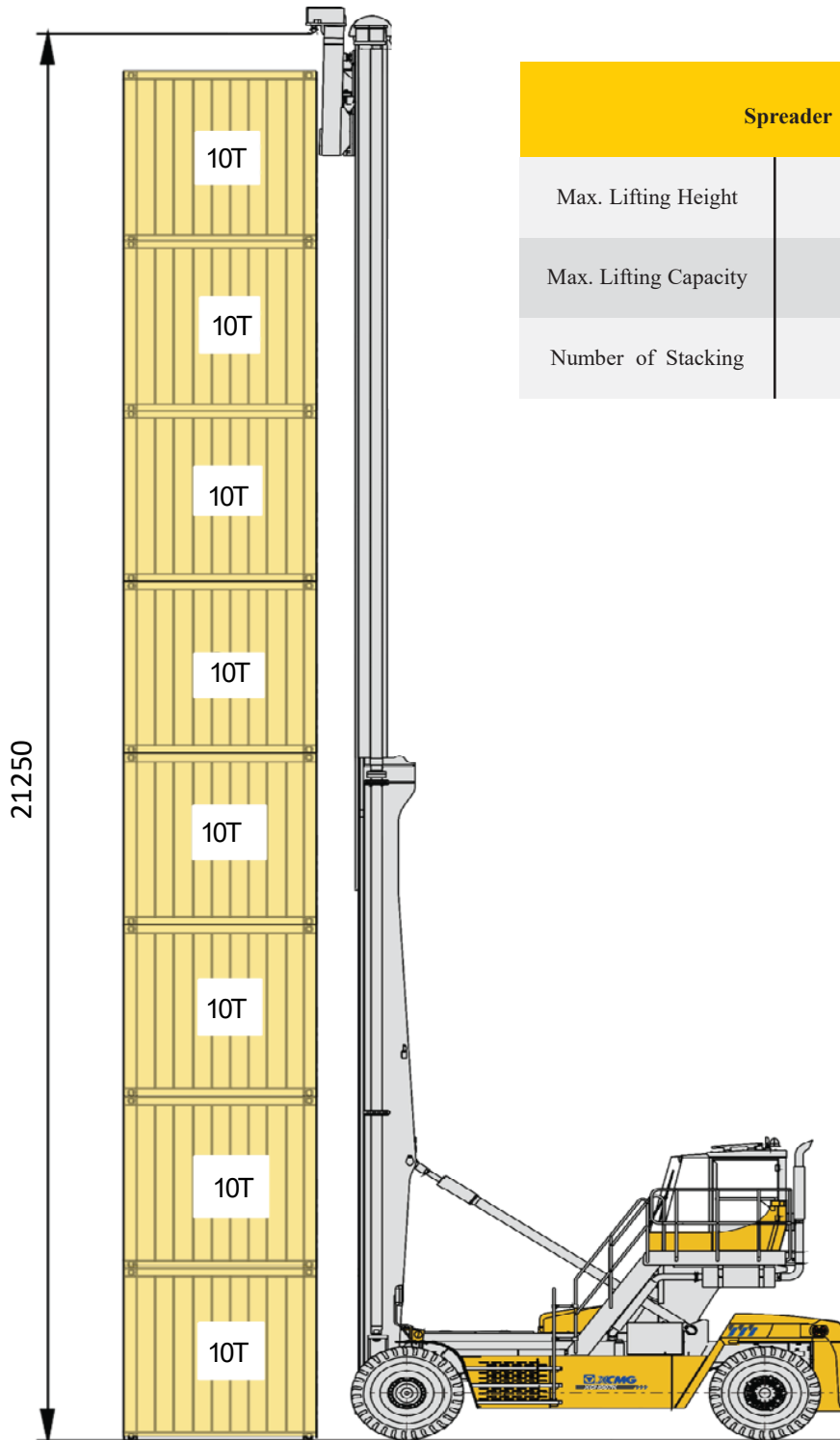
Rated Lifting Capacity	10,000 kg	Max Drawbar Pull	180 kN
Weight unloaded	41,900 kg	Max. Grade ability	25%
Unloaded (front axle)	25,800 kg	Dead weight	41,900 kg
Unloaded (rear axle)	16,100 kg	Spreader	XDJ100
Weight rated load	50,900 kg	Engine	QSC8.3
Rated Load (front axle)	39,600 kg	Transmission	TE17
Rated load (rear axle)	11,300 kg	Drive Axle	D81PL488-NLB
Lifting speed (unloaded   rated load)	600 mm/s   550 mm/s	Tyre	14.00-24-28PR
Lowering speed (unloaded   rated load)	550 mm/s   600 mm/s		
Travel speed (unloaded   rated load)	28 km/h   26 km/h		

### Lifting Capacity

Rated Lifting Capacity	10,000 kg
Side Shift	600 mm
Telescopic time	22s
Lock / Unlock time	1s

Length	6,900 mm
Width	6,080 mm
Height mast / cab	12,280 mm / 4,740 mm
Max. Height	21,780 mm
Wheelbase	4,550 mm
Trace Front / Rear	3,284 / 2,150 mm
Overhang Front/ Rear	1,327 / 1,023 mm
Min. Ground Clearance	190 mm
Min. Turning radius	6,000 mm





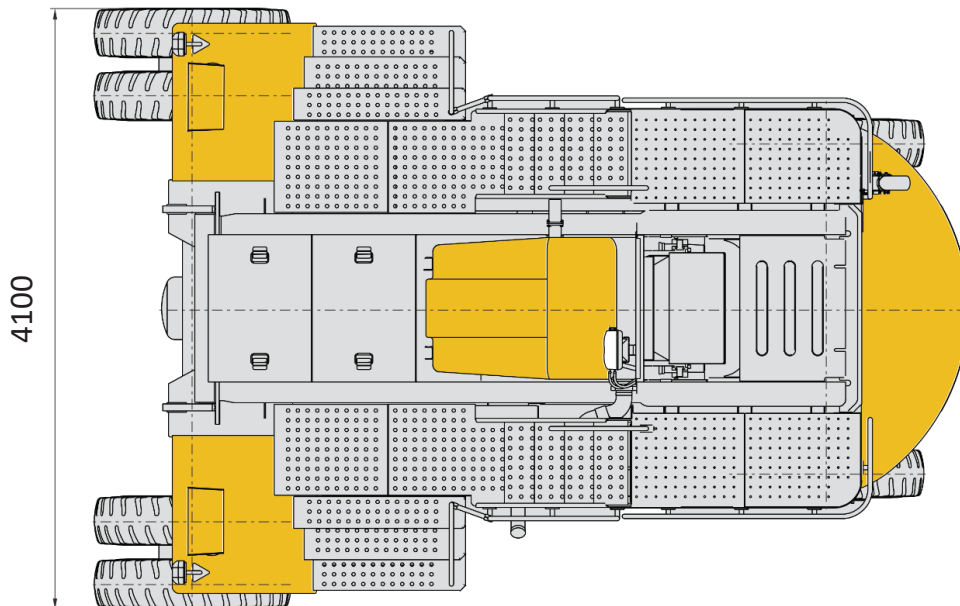
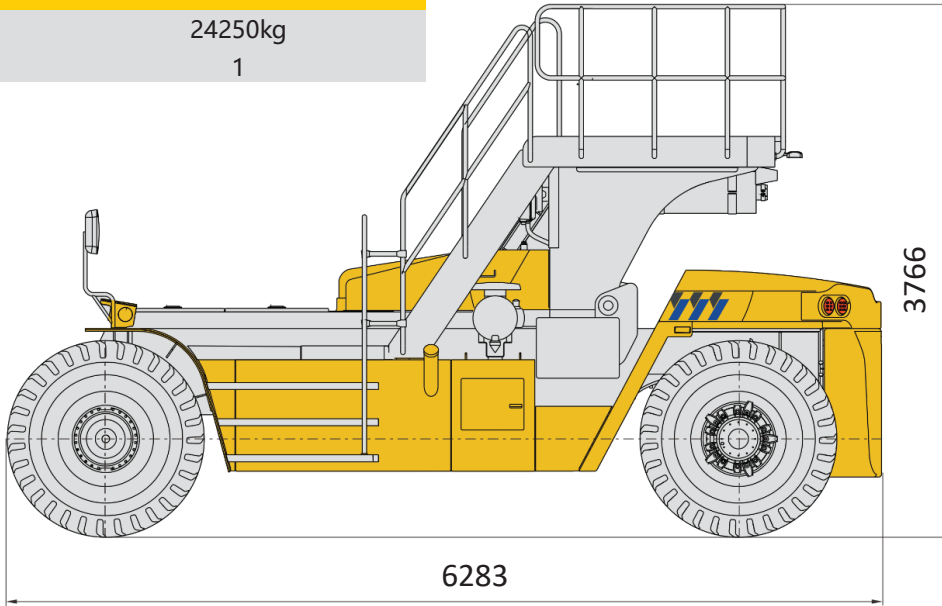
Spreader	
Max. Lifting Height	21250mm
Max. Lifting Capacity	10t
Number of Stacking	$7+1(8'6'') / 6+1(9'6'')$



1

Main machine

Weight	24250kg
Qty	1

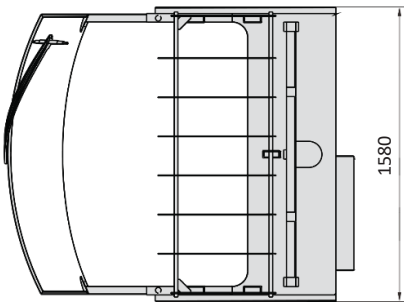
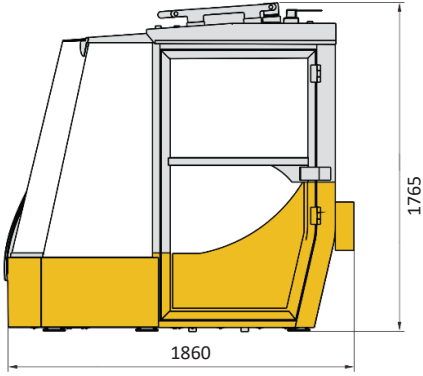


☎ 1300 BROOKS (276 657)  
@ sales@brooksequipment.com.au  
🌐 www.brooksequipment.com.au

**BROOKS**  
EQUIPMENT

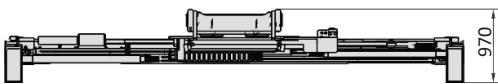
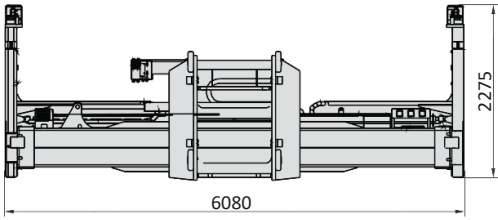
**2 Cab**

Weight	750kg
Qty	1



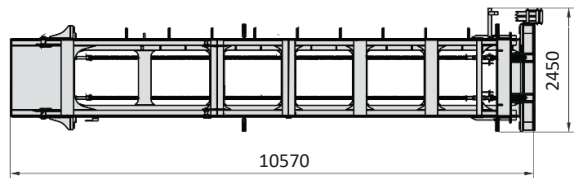
**3 Spreader**

Weight	4733kg
Qty	1



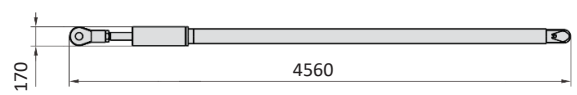
**4 Mast assembly**

Weight	10958kg
Qty	1



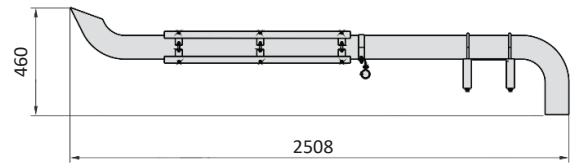
**5 Tilt cylinder**

Weight	492kg
Qty	2



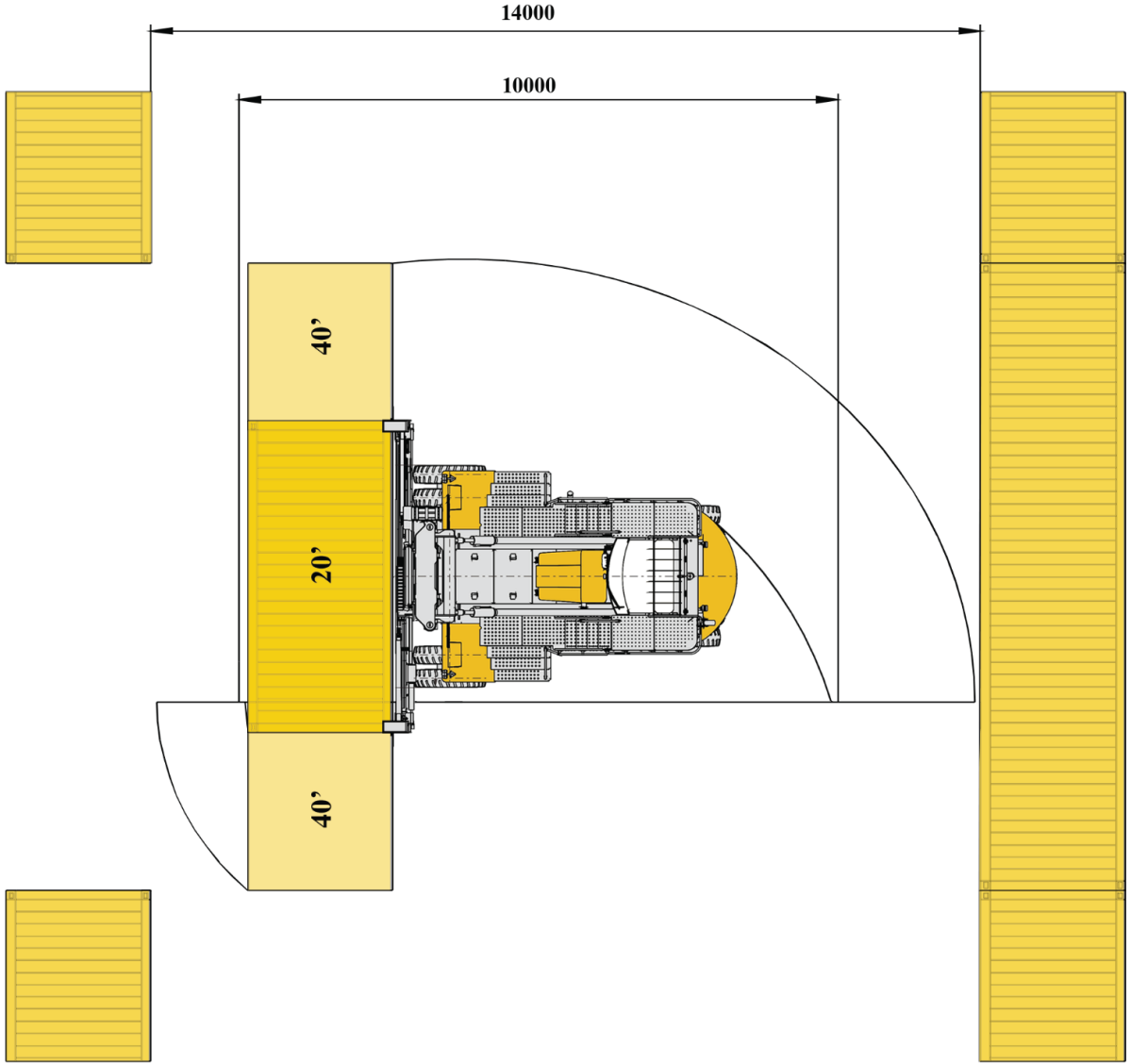
**6 Muffler**

Weight	33kg
Qty	1



1300 BROOKS (276 657)  
 sales@brooksequipment.com.au  
 www.brooksequipment.com.au





☎ 1300 BROOKS (276 657)  
@ sales@brooksequipment.com.au  
🌐 www.brooksequipment.com.au

**BROOKS**  
EQUIPMENT