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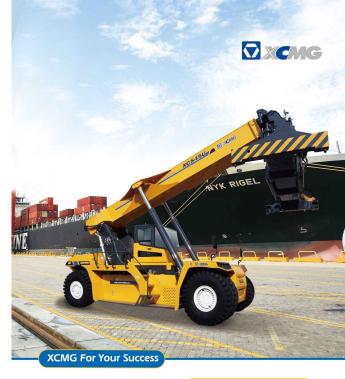
Featured machines in photos may include additional equipment.

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**XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP.CO., LTD** 



Max. Lifting Capacity Max. Lifting Height Stacking Capacity Engine Modle Rated Engine Power 99,209lb (45000kg) 49.5ft (15100mm) 5-5-4 Cummins-QSM11 335hp (250KW)



CONTAINER REACH STACKER



### Product Profile

XCMG has put intense effort into its manufacture of the XCS45U Container Reach Stacker, a flexible and efficient container-handling product. It features novel modeling, responsive controls, and great reliability and safety all at low cost, and is suitable for handling and stacking containers in ports, storage yeards and container in terminals.

### **Product Highlights**

#### Sensitive and Efficient

The RTOS-based electrical control system has a response time shorter than the industry average by about 15 percent and is highly operable.

The flow sharing and displacement feedback compensation technology, the coordinated control technology for lifting device's vertical hoisting based or master-slave mode, and the high-precision weighing test technology substantially increase the container handling efficiency.



#### Safe and Reliable

Features such as industry-unique automatic brakes, automatic speed limit for loaded travel, travel fault protection, extreme operation condition protection, and twist-lock bypass loop greatly improve the active operation safety.

The imported Cummins original engine, transmission, drive axle, hydraulic pump, and controller lead the industry and provide high reliability.



#### ■ Energy-saving

The whole crane is optimized to bring down the curb weight by about 3 per cent and reduces fuel consumption.

The optimized load-sensitive hydraulic system reduces the fuel consumption during lifting operations to below the industry average by about 15 per cent.

The industry-unique free pilot wheel hydraulic torque converter reduces the high-speed travel fuel consumption to below the industry average by about 10 percent.





 In low-speed conditions, the pilot wheel is fixed to provide large drive torque:
 In high-speed conditions, the pilot wheel is set free to reduce energy loss.

#### ■ User-friendly

The panoramic cab is equipped with a heavy-duty cooling/heating AC system and a high definition reverse camera system, providing a broad field of vision, improving ride comfort, effectively alleviating fatigue, and enhancing ease of use.

The steps and service accesses and controls are ergonomically arranged for ease of use and service.

The automatic & manual transmission is comfortable to operate, and the hydraulic power steering system is lightweight and highly responsive.







#### ■ Product Certification

The product is certified by China Hoisting & Conveying Equipment Quality Supervision and Inspection Center and TÜV Rheinland of Germany, and is granted China Special Equipment Manufacturing License and North American certification.

# Working Ranges



## **Technical Specifications**

Outline Specifications	Outline Dimensions (L × W × H)	37.1×20.4×14.8ft	11295×6208×4500mm
	Wheelbase	19.7ft	6000mm
	Min. Ground Clearance	1.2ft	365mm
Weight Specifications	Curb Weight	156,518lb	70995kg
Travel Specifications	Max. Travel Speed (no load /full load)	16.8/14.3mph	27/23km/h
	Min. Turning Radius (ft/in)	26.6ft	8.1m
Power Specifications	Engine Power/Speed	335/2100bhp/r/min	250/2100kW/r/min
	Transmission Gears	5 forward gears and 3 reverse gears	
Lifting Performance	Max. Lifting Capacity	99,209lb	45000kg
	Stacking Capacity	5-5-4	
	Max. Lifting Speed (no load /full load)	1.15/0.66ft/s	350/200mm/s
	Max. Lowering Speed (no load /full load)	1.08/0.85ft/s	330/260mm/s
	Max, Lifting Height	49.5ft	15100mm