# X Series 3/4 **Empty Container Handler**

with capacities of 6,000 to 7,000kg





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#### Appearance

/ Professional exterior industrial design, high-end product with high identification, compact and smooth style showing modern industrial aesthetics. Hidden arrangement. The exposed part allows more clean and neat appearance.

### Comfort

/ Excellent all round visibility is achieved by the overall design. Meanwhile, the advanced, low-noise, ergonomic control arrangement and the standard cab with cooling and heating air conditioner improve the driving comfort, and can meet the driver's needs for long time and high intensity operation, no matter it is in summer or winter.





Suspended seat with fingertip system that can be easily adjusted to suit each customer.

# Intelligent

/ The central controller of the forklift uses CAN bus architecture to monitor the built-in diagnostic sensors, manage the functions of the forklift and raise central fault alarm of the forklift. /Optional intelligent management system can be selected to make remote intelligent monitoring manage devices more easily.

# Maintainability

- / The whole vehicle is equipped with a tiltable cab, a wide-opened hood, mast centralized lubrication and fault diagnosis display function, which is very convenient for maintenance.
- / Battery compartment is easy to open for easy maintenance.





Optional imaging system with front and rear camera, increasing the safety greatly.





## Fully-suspended all-round vision cab

The new fully-suspended all-round vision cab (HPC) and optimized vehicle outline enable all-round sight and view. Performance of the air conditioner is improved to enable uniform conditioned air blowing from the air outlet and a strong cooling effect. The waterproof, dust-proof, heatproof, soundproof, noise-reducing sealing design improves driving comfort. The molded interior parts enable a more comfortable feel. The integral frame is constituted by profiled steel pipes. The structural parts have higher strength.









#### Reliable

- / The adoption of famous-brand engine, transmission and drive axle, and the parts subject to verification for many years achieve stable quality and high reliability.
- / Safety control functions such as over-speed alarm, overload alarm and descending buffer can be configured to ensure operation safety.
- / The adoption of the spreader of an internationally renowned brand brings a higher reliability, a longer service life, a lower failure rate and a lower maintenance cost.
- / Heavy-duty traction axle, two-stage deceleration; Wet brake, maintenance-free; Hydraulic release spring action parking brake, safe and reliable.





OKAMURA gear box with microelectronic control provides for twoshift power shifting, travelling is stable and accurate.







# Single handling container spreader Vertical Twistlocks.



Improved design with built-in cabling and INNOVATION head. larger bending radius for hydraulic hose between pocket and end-post.

#### Suitable for:

/ 20' or 40' ISO containers of 8' (2.44 m) width. / Approx. 2.45-2.50 m wide "pallet-wide" 20' or 40' containers, with ISO-like 'chamfered' corner castings. / With speed limitation for laden/unladen.

#### Not suitable for:

- / Approx. 2.45 2.60 m wide "CPC" containers (Cellular Pallet-wide Containers) with non-ISO corner castings.
- / Approx. 2.45 2.50 m wide "pallet-wide" 20' or 40' containers, with ISO-like 'chamfered' corner castings.



AL SPECIFICATIONS	
ing system	Two vertical twistlocks
cking	Normal and block stacking
eight (TW)	3600kgs
eight (MPS)	1050kgs
acity (SWL)	6-7tonnes
positions	20 and 40ft
g speed, 20-40ft	< 12sec.*
g speed, 40-20ft	< 14sec.*
	± 600 optional ± 400mm
pile slope (MPS),	At 20ft position: approx. 200mm
ating end-posts	At 40ft position: approx. 200mm
operating pressure up to	140bar
flow	40-60L/min
ontrol voltage	24VDC
tion	CAN 2.0B
	Black grey RAL 7021

### Features

Presumate type●Solid type○Steering system●Fully hydraulic power steering●Contraliced kubrication system (mathing)●Power system●Contraliced kubrication system (mathing)●Power system○Spork arcestin○Spork arcestin○Pre-chaner air filter●Tork I●Bectrostic discharge chain●Rear-week mitror on right K left mudgaards●Operating system●Hirtigeated (pass)●Adjurtable steering column●Adjustable steering column●Steering steering column●Adjustable steering column●Adjustable steering column●Adjustable s	Transmission	Standard	Options
Steering system       •       •         Fully tydradic power steering       •       •         Centralized tudrication system (machine)       •       •         Power system       •       •         Extended ordinator pipe       •       •         Lockable fuelt cap       •       •         Spark arrestin       •       •         Pre-cleaner air fitter       •       •         Tork       •       •         Board arresting       •       •         Integrate joystem       •       •         Integrate joystek       •       •         Adjustable seering column       •       •         Adjustable seering column       •       •         Adjustable arrinest       •       •         Hydraulic system       •       •         Operating system(ider conditioning and heater)       •       •         Hydraulic system       •       •       •         Operating system (ider conditioning and heater)       •       •       •         Manual titing colin       •       •       •       •       •         Cabin       •       •       •       •       •       • <td>Pneumatic tyre</td> <td>•</td> <td></td>	Pneumatic tyre	•	
Fully hydraulic power steering       ●         Entradicabularization bysteer (machine)       ○         Power system       ○         Extended exhaps pipe       ●         Lockable fuel cap       ○         Spark arrester       ○         Pre-cleaner air filter       ●         Toxy pin       ●         Rear vice mirror on right 8 left modguards       ●         Operating system       ●         Integrating system       ●         Operating system       ●         Integrating populant       ●         Adjustable steering column       ●         Adjustable steering column       ●         Adjustable steering column       ●         Cabi       ●         Climate control system (air-conditioning and heater)       ●         Maudi titting colin       ●         Standard fitting colin       ●         Standard fitting colin       ●         USB charging interface       ●         Cabi       ●         Standard fitting height       ● </td <td>Solid tyre</td> <td></td> <td>0</td>	Solid tyre		0
Centralized lubrication system (machine)       O         Precent system       O         Extended exhaust pipe       O         Lockable luid cap       O         Spark arrester       O         Pre-cleaner air filter       O         Toru pin       Image: Composition of the system         Rear-view miror or night & left mudguards       O         Operating system       O         Integrated jaystick       Image: Composition and the system         Integrated jaystick       Image: Composition and the system         Operation proportion control       Image: Composition and the system         Operation proportion control       Image: Composition control         Cabin       Image: Composition control         Cabin       O         Climate control system (air-conditioning and heater)       Image: Composition control         Cabin       Image: Composition control       Image: Composition control         Suruhade       Image: Composition control       Image: Composition control         Suruhade<	Steering system		
Power system         Extended exhaust pipe       •         Lockable fuel cap       ○         Spark arrester       ○         Pre-cleaner all filter       •         Tow pin       •         Electrostatic discharge chain       ○         Real-view mirror on right & left mudguards       •         Operating system       •         Integrated jostick       •         Adjustable streeting column       •         Adjustable armest       •         Hydralic system       •         Cabin       •         Cabin       •         Cabin       •         Cabin       •         Using capin (acconditioning and heater)       •         Meanual filting cabin       •         USB charging interface       •         Cother stanger hoak       •         Using caping interface       •         Cother stanger hoak       •         Using control system (air conditioning and heater)       •         Using caping interface       •         Cother stanger hoak       •         Using component stanger hoak       •         Using component stanger hoak       •         Duplex mas	Fully hydraulic power steering	•	
Extended exhaust pipe       ●         Lockable fuel cap       ○         Spork arrester       ○         Pre-cleaner air filter       ●         Turck       ●         Turuk       ●         Rear-view mirror on right & helt mudguards       ●         Operating system       ●         Integrated joystick       ●         Adjustable steering column       ●         Adjustable steering column       ●         Adjustable steering column       ●         Adjustable steering column       ●         Cabin       ●         Cabin       ●         Climate control system (air conditioning and heater)       ●         Manual alting cabin       ●         Sunshade       ●         USB charging interface       ●         Clothes inager hock       ●         Reading light       ●         1 x 24V power supply       ○         1 x 12V pow	Centralized lubrication system (machine)		0
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Adjustable steering column <ul> <li>Adjustable armest</li> <li>Hydraulic system</li> <li>Operation proportion control</li> <li>Cab</li> <li>Cab</li> <li>Cabin</li> <li>Climate control system (air-conditioning and heater)</li> <li>Manual titing cabin</li> <li>Electric tilting cabin</li> <li>Climate control system (air-conditioning and heater)</li> <li>Manual titing cabin</li> <li>Climate control system (air-conditioning and heater)</li> <li>Manual titing cabin</li> <li>Electric tilting cabin</li> <li>Clothes hanger hook</li> <li>Clothes hanger hook</li> <li>Reading light</li> <li>(Clothes hanger hook</li> <li>Reading light</li> <li>(AtV power supply)</li> <li>(O)</li> <li>1 x 12V power supply</li> <li>(O)</li> <li>T x 12V power supply</li> <li>(O)</li> <li>Clifting components</li> <li>Uplex mast</li> <li>Standard lifting height</li> <li>(O)</li> <li>2 x Spreader twistlock double protection</li> <li>(O)</li> <li>2 x Spreader twistlock flight</li> <li>(O)</li> <li>Cher</li> <li>Standard clor</li> <li>(O)</li> <li>(D)</li> <li< td=""><td>Operating system</td><td></td><td></td></li<></ul>	Operating system		
Adjustable armrest       •         Hydraulic system         Operation proportion control       •         Cabi       •         Cabin       •         Cabin       •         Climate control system (air-conditioning and heater)       •         Manual tilting cabin       •         Electric tilting cabin       •         Radio       •         Sunshade       •         USB charging interface       •         Clubes hanger hock       •         Reading light       •         1 x 24V power supply       •         Litense plate frame       •         Fan       •         Uifting components       •         Duplex mast       •       •         Standard lifting height       •       •         Optional lifting height       •       •         Optional lifting height       •       •         Other       •       •       •         Standard clor       •       •       •         User defined colour       •       •       •         Other       •       •       •         Standard color       •       •	Integrated joystick	•	
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Electric tilting cabin       O         Radio       ●         Sunshade       ●         USB charging interface       ●         Clothes hanger hook       ●         Reading light       ●         1 x 24V power supply       ○         1 x 12V power supply       ○         Litense plate frame       ○         Fan       ●         Duplex mast       ●         Standard lifting height       ●         Optional lifting height       ○         Optional lifting height       ○         Twistlock counter       ○         2 x Spreader twistlock light       ●         Other       ○         Standard color       ●         User defined colour       ○         Vehicle toolkit       ●	Climate control system (air-conditioning and heater)	•	
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Vehicle toolkit     •       Mast automatic vertical realignment     O			
Mast automatic vertical realignment O			
			0
Circuing neight intolcator on orspinay			
Dynamic speed Limit depending of lift height( customer defined)			

Electrical System	Standard	Option
Operator Presense System (OPS) with buzzer	•	
LCD display screen	•	
Main power switch	•	
Emergency power off switch	•	
Maintenance-free 24V lead acid battery	•	
Reverse buzzer	•	
High decible horn	•	
LED lights (entire vehicle)	•	
2 x Working light on front mudguard	•	
2 x Front working light on top of cabin	•	
2 x Rear working light on top of cabin	•	
2 x Working light on both sides of mast	•	
Reverse sensor	•	
Rearview camera system	•	
Rearview camera system with memory		0
Front & rearview camera system		0
Front & rearview camera system with memory		0
4 directions camera system with single display		0
4 directions camera recording system with single display		0
In cabin CCTV		0
Rear blue safety light		0
Front and rear blue safety light		0
Three sided blue danger zone light		0
Overspeed alarm		0
Voice reverse alarm		0
Automatic fire suppression system		0
Two-way radio		0
Weight indicator in display		0
Flashing warning light (non rotating) with control switch	•	
Tyre pressure monitoring		0
On-board diagnostics system	•	
Override switch	•	
Engine fault alarm	•	
Engine oil pressure alarm indicator	•	
Air filter warning indicator	•	
Water temperature indicator	•	
Hour meter	•	
Battery charge indicator	•	
Low hydraulic pressure alarm indicator	•	
Hydraulic oil filter warning indicator	•	
Oil gauge	•	
Fuel-water separator warning indicator	•	
Oil temperature gauge	•	
Pre-heat indicator	•	
Drive mode indicator	•	
Parking brake indicator	•	