



HELI Product Introduction



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HELI Heave Truck





General introduction



12~46t forklift



Empty container handle



Reach stacker



Heavy Truck

12~46t forklift

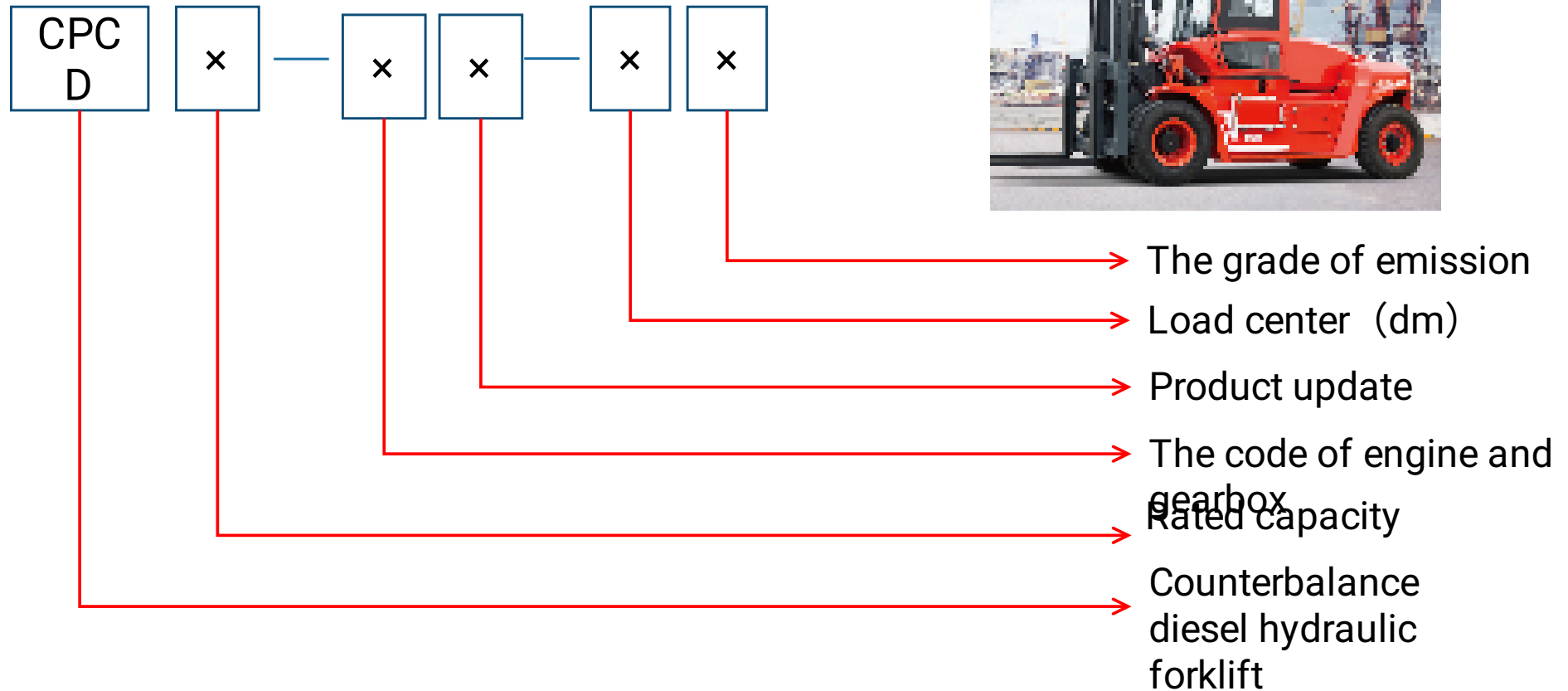
Empty Container Handle

Reach Stacker



Model meaning

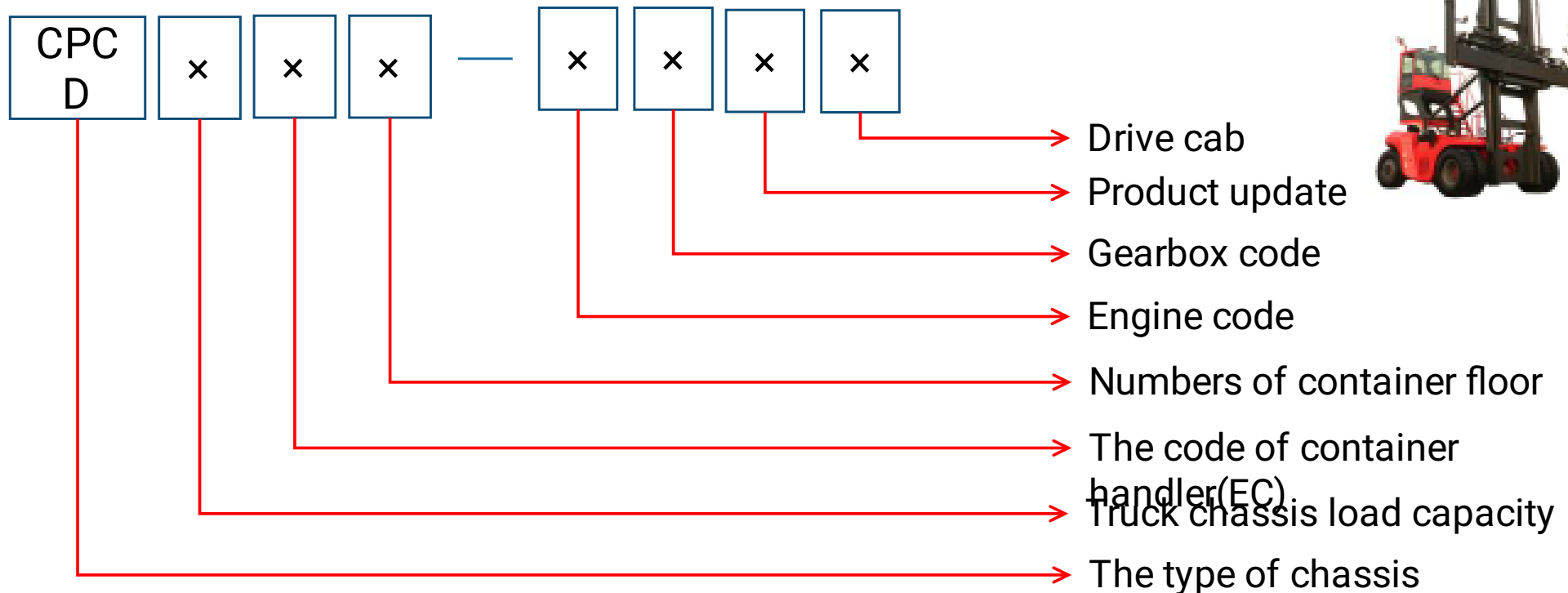
► 12~46t counterbalance forklift



Example: CPCD320-VD-12II:32t, volvo engine, DANA gear box, 1200mm(Load center), Europe

II

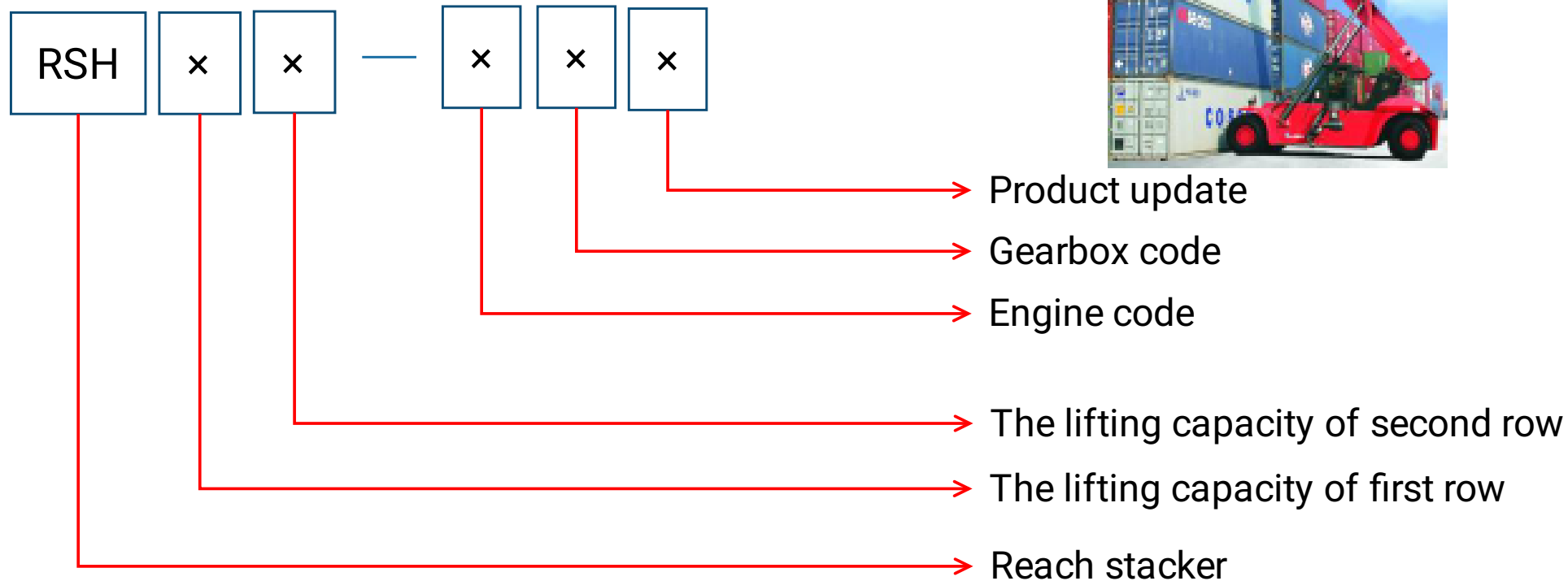
► Counterbalance empty container handler



Example: CPCD250EC7-VZG : Based on 25t forklift chassis, empty container handler, 7 container floors, VOLVO engine, ZF gearbox, high position of drive cab.

Model meaning

► Reach stacker



Example: RSH4532-VD : Reach stacker, 45t(first row), 32t(second row), Volvo engine, DANA gearbox



General introduction



12~46t forklift



Empty container handle



Reach stacker



H series 12t forklift

HELI合力



H series 12t forklift

Model	CPCD120-WX-06III	CPCD120-CU-06III
Load center	600mm	
Load capacity	1200kg	
Wheel base	2950mm	
Turning radius	4300mm	
Engine Model	XI CHAI CA6DF3	Cummins QSB 4.5
Cylinder/ Displacement	6/7.127L	4/4.5
Engine power	118KW/2200r/min	119KW/2200r/min
Engine torque	640N.m/ 1300~1700r/min	624N.m/ 1500r/min



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H series 12t forklift

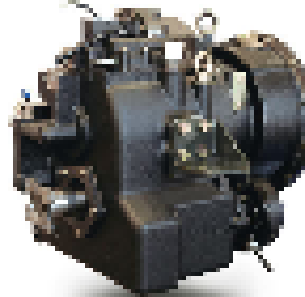
HELI合力

Standard:

- Two stage basic M300;
- Fork length: 1370mm;
- Overhead guard;
- Hydraulic fork positioner;
- Fully-hydraulic power steering;
- HELI Intelligent gearbox;
- MEI CHI drive axle;
- Caliper disc type brake;
- LED lights;
- Integrated electric control box;
- Pneumatic tire

Optional:

- Integrated driver's cab
- Full free mast
- Integrated side shifter
- Other attachments
- Other length of fork
- Solid tires
- Air conditioner
- OPS



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H series 12t forklift

HELI合力



Model: CPCD120-CU-06III2;

Application case: Specially used for rental;

Advantage compared with standard model:

- ✓ Good passing ability:
Lifting height: 2800mm;
Mast lowering height: 2950mm;
- ✓ Travelling speed increase by 12% ;
- ✓ Standard sunroof and rain shade;
- ✓ Optimized rear view by set air filter aside;
- ✓ Reserved tool box;



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H series 12t forklift

HELI合力

► Application



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G series 12~13.5t forklift

HELI合力

G series 12-13.5t

High configuration

CPCD120-CZ-09IIIIG;
CPCD135-CZ-06IIIIG;



Middle configuration

CPCD120-CU1-09IIIIG;
CPCD135-CU1-06IIIIG;
CPCD120-CU2-09IIIIG;
CPCD135-CU2-06IIIIG;



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G series 12~13.5t forklift

HELI合力

► Parameters

Model	Load capacity	Load center	Gearbox	Service brake	Wheel base	Engine
CPCD120-CU1-09IIIIG	12000kg	900mm	HELI	Caliper disc type brake	3250mm	Model: Cummins QSB6.7; Rated power: 119KW/2300rpm; Max torque: 731Nm/1500rpm; Cylinder:6 Displacement: 6.69L Emission: Stage III
CPCD135-CU1-06IIIIG	13500kg	600mm				
CPCD120-CU2-09IIIIG	12000kg	900mm		Wet type brake		
CPCD135-CU2-06IIIIG	13500kg	600mm				
CPCD120-CZ-09IIIIG	12000kg	900mm	ZF 3WG131			
CPCD135-CZ-06IIIIG	13500kg	600mm				



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G series 12~13.5t forklift

HELI合力

Model	Standard	Optional
CPCD120-CU1-09IIIIG	✓ Wide view mast:M300; ✓ Fork length:1820mm(12t),1370mm(13.5t); ✓ HELI gearbox; ✓ MEI CHI drive axle; ✓ Electric tilting cabin; ✓ Caliper disc type brake; ✓ LED light	✓ Fork positioner with side shift; ✓ Air conditioner; ✓ Reversing radar & video; ✓ Solid tire; ✓ String rod;
CPCD135-CU1-06IIIIG		
CPCD120-CU2-09IIIIG	✓ Wide view mast:M300; ✓ Fork length:1820mm(12t),1370mm(13.5t); ✓ HELI gearbox; ✓ MEI CHI drive axle; ✓ Electric tilting cabin; ✓ Wet type brake; ✓ LED light	✓ Fork positioner with side shift; ✓ Air conditioner; ✓ Reversing radar & video; ✓ Solid tire; ✓ String rod;
CPCD135-CU2-06IIIIG		
CPCD120-CZ-09IIIIG	✓ Wide view mast:M300; ✓ Fork length:1820mm(12t),1370mm(13.5t); ✓ ZF gearbox; ✓ MEI CHI drive axle; ✓ Electric tilting cabin; ✓ Wet type brake; ✓ Reversing radar ; ✓ Air conditioner ✓ LED light	✓ Fork positioner with side shift; ✓ Solid tire; ✓ String rod;
CPCD135-CZ-06IIIIG		



G series 12~13.5t forklift

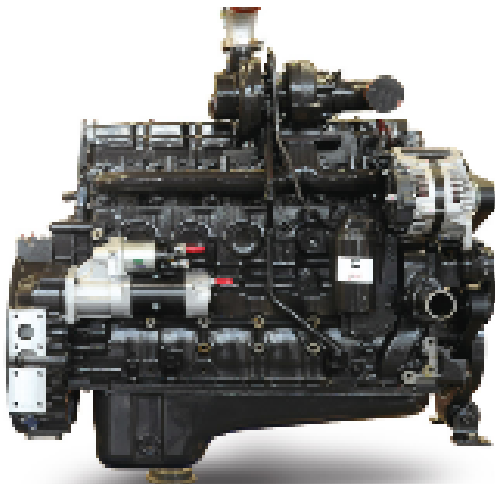
HELI合力



Wet type brake driving axle



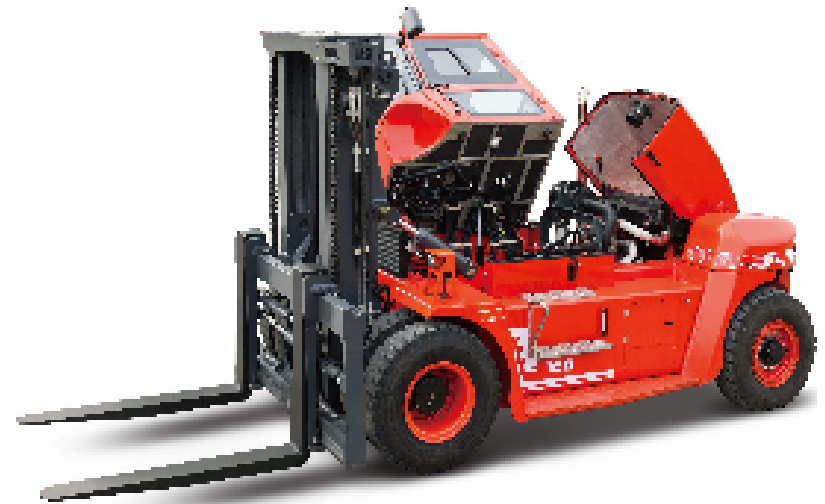
Caliper disc type brake axle



Cummins QSB 6.7 engine



Gear box



Electric tilting cabin



Comfortable operation



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G series 14-18t (Special for Southeast Asia)



G series 14~18t forklift(Southeast Asia)

HELI合力

► Parameters

Model	Load capacity	Load center	Gearbox	Service brake	Wheel base	Engine
CPCD140-CU-06IIG	14000kg	600mm	HELI	Caliper disc type brake	3250mm	Model: Dong feng Cummins 6BTAA5.9-C170; Rated power: 127KW/2200rpm; Max torque: 750N.m/1400rpm; Cylinder:6 Displacement: 5.9L Emission: Stage II
CPCD150-CU-06IIG	15000kg					
CPCD160-CU-06IIG	16000kg					
CPCD180-CU-06IIG	18000kg					



G series 14~18t forklift(Southeast Asia)

HELI合力

Standard:

- Two stage basic M300;
- Fork length: 1370mm;
- Overhead guard;
- Hydraulic fork positioner;
- HELI Intelligent gearbox;
- MEI CHI drive axle;
- Caliper disc type brake;
- Pneumatic tire



Optional:

- Driver's cabin
- Other lifting height of mast
- side shifting fork positioner
- Other attachments
- Other length of fork
- Solid tires
- Air conditioner
- OPS



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G series 15-16t forklift (load center: 600mm)



G series 15~16t forklift (load center: 600mm)

HELI合力

► Parameters

Model	CPCD150-CZ-06IIIIG	CPCD160-CZ-06IIIIG
Load capacity	15000kg	16000kg
Load center	600mm	600mm
Wheelbase	3250mm	3250mm
Gearbox	ZF 3WG131	
Service brake	MEI CHI wet type brake	
Engine	Model : Cummins QSB6.7; Rated power : 119KW/2300rpm; Max torque : 731N.m/1500rpm; Cylinder : 6 Displacement : 6.69L Emission : Europe III, Stage III	



G series 15~16t forklift (load center: 600mm)

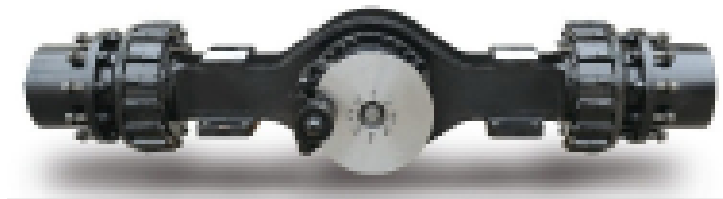
HELI合力

Standard:

- Two stage basic M300;
- Fork length: 1370mm;
- **Electric tilting cabin;**
- **Hydraulic fork positioner;**
- **ZF gearbox;**
- **MEI CHI drive axle;**
- **Wet type brake;**
- **Air conditioner;**
- **Reversing radar**
- Pneumatic tire;
- LED light

Optional:

- Other lifting height of mast
- side shifting fork positioner
- Other attachments
- Other length of fork
- Solid tires
- OPS



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G series 14-16t forklift



G series 14~16t forklift

HELI合力

► Parameters

Model	Load capacity	Load center	Wheel base	Gearbox	Service brake	Engine
CPCD140-CZ-09IIIIG	14000kg	900mm	3500m m	ZF3WG171	Wet type brake	Model : Cummins QSB6.7; Rated power : 119KW/2300rp m; Max torque : 731N. m/1500rpm; Cylinder : 6 Displacement : 6.69L Emission : Europe III, Stage III
CPCD150-CZ-09IIIIG	15000kg					
CPCD160-CZ-09IIIIG	16000kg					
CPCD140-CZ-12IIIIG	14000kg	1200m m	3750m m			
CPCD150-CZ-12IIIIG	15000kg					
CPCD160-CZ-12IIIIG	16000kg					



G series 14~16t forklift

HELI合力

Standard:

- Two stage basic M300;
- Fork length: 1820mm/2440mm;
- Electric tilting cabin;
- side shifting fork positioner;
- ZF gearbox;
- KESSLER drive axle;
- PARKER hydraulic system;
- Wet type brake;
- Air conditioner;
- Reversing radar
- Pneumatic tire;
- LED light

Optional:

- Other lifting height of mast
- Other attachments
- Other length of fork
- Solid tires
- OPS



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H series 14-18t forklift



G series 14~16t forklift

HELI合力

► Parameters

Model	Load capacity	Load center	Wheel base	Gearbox	Service brake	Engine
CPCD140-CU4	14000kg	1200m m	4000m m	ZF3WG171	Wet type brake	Model : Cummins QSB6.7; Rated power : 142KW/2300rpm; Max torque : 929N. m/1500rpm; Cylinder : 6 Displacement : 6.69L Emission : Europe III, Stage III
CPCD150-CU4	15000kg					
CPCD160-CU4	16000kg					
CPCD180-CU2	18000kg					



G series 14~16t forklift

HELI合力

Standard:

- Two stage basic M300;
- Fork length: 2440mm;
- Driver's cab;
- side shifting fork positioner;
- ZF gearbox;
- KESSLER drive axle;
- Wet type brake;
- Air conditioner;
- Pneumatic tire;

Optional:

- Other lifting height of mast
- Other attachments
- Other length of fork
- Solid tires
- OPS
- Reversing radar & video



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G series 20-32t forklift



G series 20~32t forklift

HELI合力

► Parameters

Model	Load capacity	Wheel base	Load center	Gearbox	Service brake	Engine
CPCD200-VZ2-12III	20000kg	4250m m	1200m m	ZF3WG21 1	Wet type brake	Model : VOLVO TAD851VE; Rated power : 185KW/2200rpm; Max torque : 1160N. m/1350rpm; Cylinder : 6 Emission : Europe III,
CPCD250-VZ2-12III	25000kg					
CPCD280-VZ2-12III	28000kg	4650m m				
CPCD300-VZ2-12III	30000kg					
CPCD320-VZ2-12III	32000kg					



G series 20~32t forklift

HELI合力

Standard:

- Two stage basic M400;
- Fork length: 2440mm;
- Elevated driver's cab;
- side shifting fork positioner;
- ZF gearbox;
- KESSLER drive axle;
- Hydraulic quantitative system;
- Wet type brake;
- Air conditioner;
- Reversing radar;
- Pneumatic tire;
- LED light



Optional:

- Other lifting height of mast
- Other attachments
- Other length of fork
- Solid tires (20~25t)
- OPS
- Reversing radar & video



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G2 series 20~32t forklift



G2 series 20~32t forklift

HELI合力

► Parameters

Model	Load capacity	Wheel base	Load center	Gearbox	Service brake	Engine
CPCD200-VZ2-12IIIG2	20000kg	4250m m	1200m m	ZF3WG21 1	Wet type brake	Model : VOLVO TAD851VE; Rated power : 185KW/2200rpm; Max torque : 1160N. m/1350rpm; Cylinder : 6 Emission : Europe III,
CPCD250-VZ2-12IIIG2	25000kg					
CPCD280-VZ2-12IIIG2	28000kg	4650m m				
CPCD300-VZ2-12IIIG2	30000kg					
CPCD320-VZ2-12IIIG2	32000kg					



G2 series 20~32t forklift

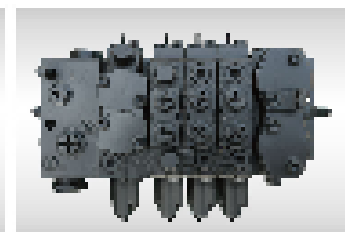
HELI合力

Standard:

- Two stage basic M400;
- Fork length: 2440mm;
- Electric tilting cabin;
- side shifting fork positioner;
- ZF gearbox;
- KESSLER drive axle;
- Hydraulic variable system;
- Wet type brake;
- Air conditioner;
- Reversing radar;
- Pneumatic tire;
- LED light

Optional:

- Other lifting height of mast
- Other attachments
- Other length of fork
- Solid tires (20~25t)
- OPS
- Reversing radar & video



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G series 35~46t forklift



G series 35~46t forklift

HELI合力

Model	Load capacity	Wheel base	Load center	Gearbox	Service brake	Engine	
CPCD350-VZ1-12III	35000kg	4650mm	1200mm	ZF 3WG211	Wet type brake	TAD851 VE Emission: Europe III	
CPCD350-VZ1-12IV	35000kg					TAD871 VE Emission: Europe IV	
CPCD380-VD2-12III	38000kg	5000mm		DANA36000		Model : VOLVO 1151VE; Rated power : 265KW/2100rpm; Max torque : 1785N.m/1316rpm; Cylinder : 6 Emission : Europe III	
CPCD400-VD2-12III	40000kg						
CPCD420-VD2-12III	42000kg	5500mm		DANA TE27			Model : Cummins QSM11; Rated power : 254KW/1800rpm; Max torque : 1708N.m/1400rpm; Cylinder : 6 Emission : Europe III
CPCD460-VD2-12III	42000kg						
CPCD420-CD-12III	46000kg						
CPCD460-CD-12III	46000kg						



G series 35~46t forklift

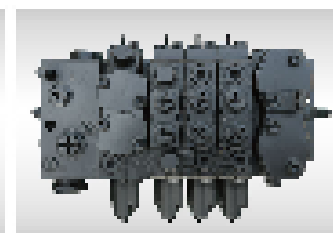
HELI合力

Standard:

- Two stage basic M400;
- Fork length: 2440mm;
- Electric tilting cabin(35t);
- Elevated driver's cab (38t~46t);
- side shifting fork positioner;
- ZF gearbox(35t)
- DANA gearbox(38t~46t);
- KESSLER drive axle;
- Hydraulic variable system;
- Wet type brake;
- Air conditioner;
- Reversing radar;
- Pneumatic tire;
- LED light

Optional:

- Other lifting height of mast
- Other attachments
- Other length of fork
- OPS



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Application of heavy forklift

HELI合力

► Logistics business



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Application of heavy forklift

HELI合力

► Seaport



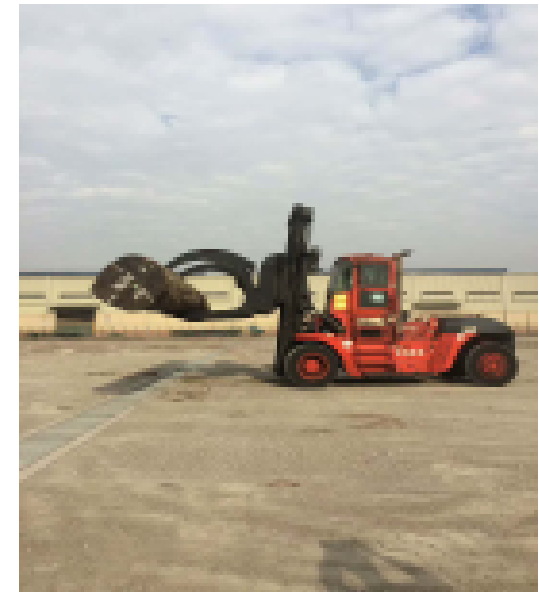
TIAN JIN port



RI ZHAO port



SHANG HAI
port



GUANG ZHOU port



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Application of heavy forklift

HELI合力

► Seaport



JIN ZHOU port



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Application of Empty container

HELI合力

handle ➤ Seaport



ZHU HAI
port



SHANG HAI
port



QING DAO port



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General introduction



12~46t forklift



Empty container handle



Reach stacker

Empty container handle



5~6 layer



7~8 layer

Empty container handle

HELI合力

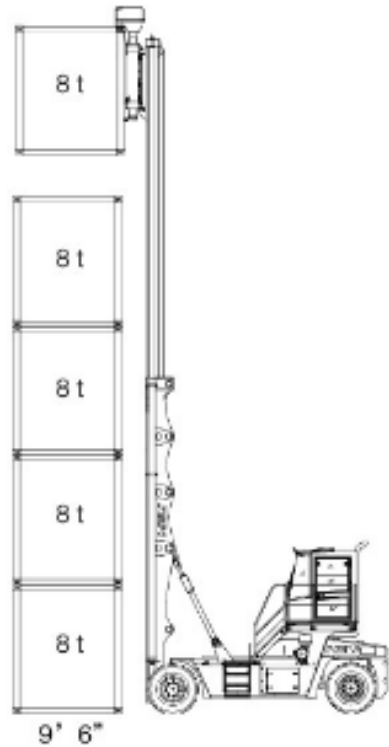
Model	Max handling layers	Container Size(height)	Load center	Gearbox	Service brake	Engine
CPCD180EC5-CZ	5	8'6"/9'6"	1220m m	ZF 3WG171	Wet type brake	Model : Cummins QSB6.7; Rated power : 142KW/2300rpm; Max torque : 929N.m/1500rpm; Cylinder : 6 Displacement : 6.69L Emission : Europe III
CPCD180EC6-CZ	6	8'6"				
CPCD250EC7-VZG2	7	8'6"		ZF 3WG211		
CPCD250EC8-VZG2	8	8'6"				



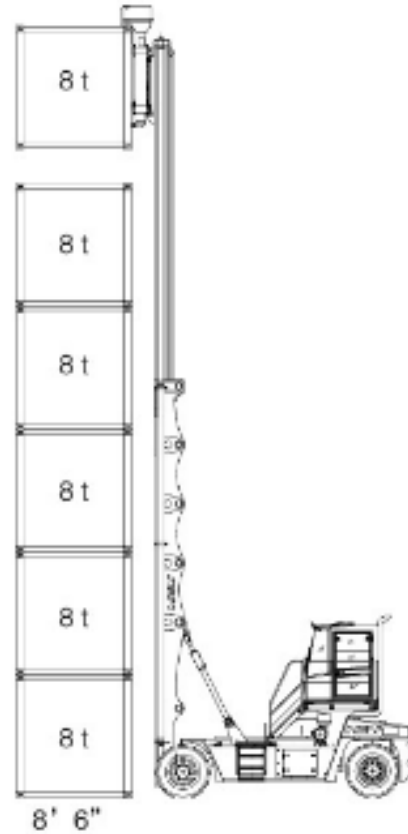
Empty container handle

HELI合力

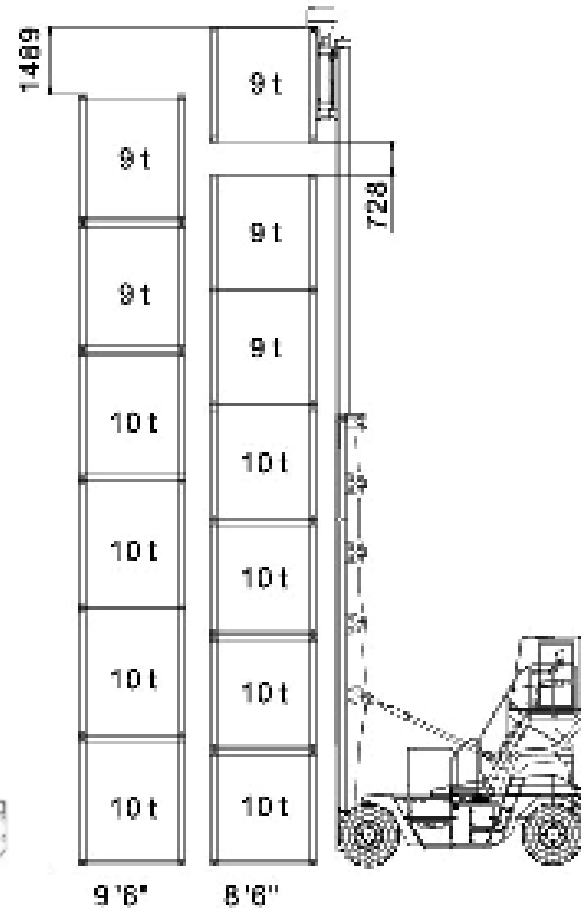
► Load capacity chart



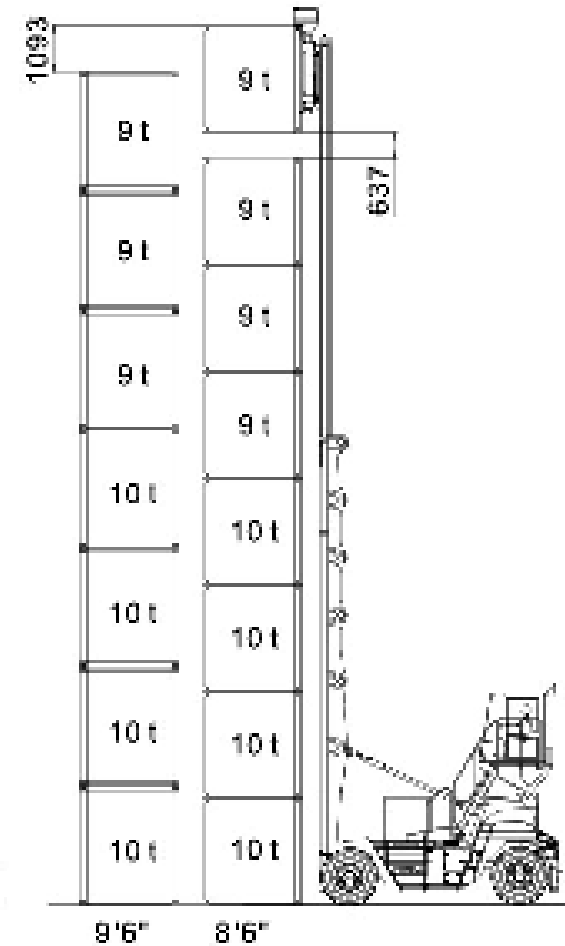
CPCD180EC5-CZ



CPCD180EC6-CZ



CPCD250EC7-VZG2



CPCD250EC8-VZG2



Empty container handle

HELI合力

Standard:

- Elevated driver's cab;
- ELME container Spreader (imported)
- ZF gearbox;
- KESSLER drive axle;
- Parker hydraulic system(imported);
- Wet type brake;
- Air conditioner;
- Reversing radar;
- Pneumatic tire;
- LED light

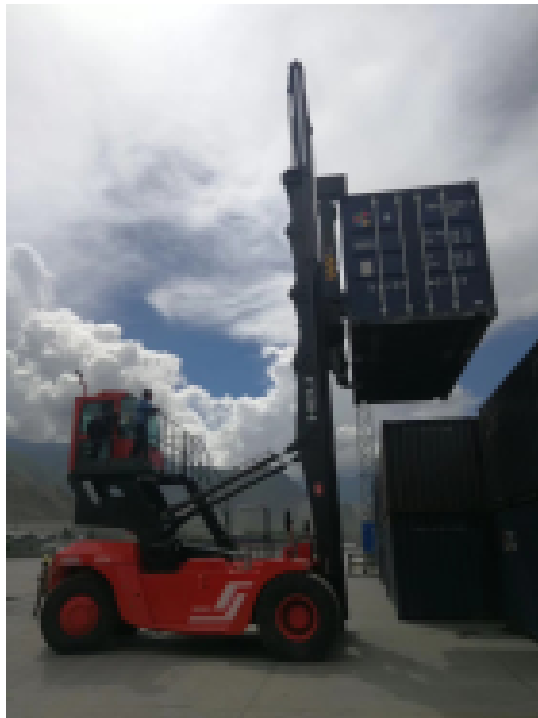
Optional:

- OPS;
- Centralized lubrication system;



Application of Empty container handle

HELI合力



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General introduction



12~46t forklift



Empty container handle



Reach stacker



Reach stacker



Reach stacker

HELI合力

Model	Load capacity (first/second/ third row)	Load center (first/ second/ third row)	Wheel base	Gearbox	Servic e brake	Engine
RSH4528-VO/ VO2/CU	45t/28t/14t	1965mm/ 3850mm/ 6400mm	6500m m	DANA TE27	Wet type brake	Model: VOLVO TAD952VE VOLVO 1151VE(VO2); CUMMINS QSM11(CU)
RSH4532-VO/ VO2/CU	45t/32t/16t					
RSH4536-VO/ VO2/CU	45t/36t/19t					
RSH4527-VO3/ VO4/VO5	45t/27t/13t		6000m m	DANA 36000 (VO3/VO5) DANA TE27 (VO4)		Model: VOLVO 1151VE
RSH4531-VO3/ VO4/VO5	45t/31t/15t					

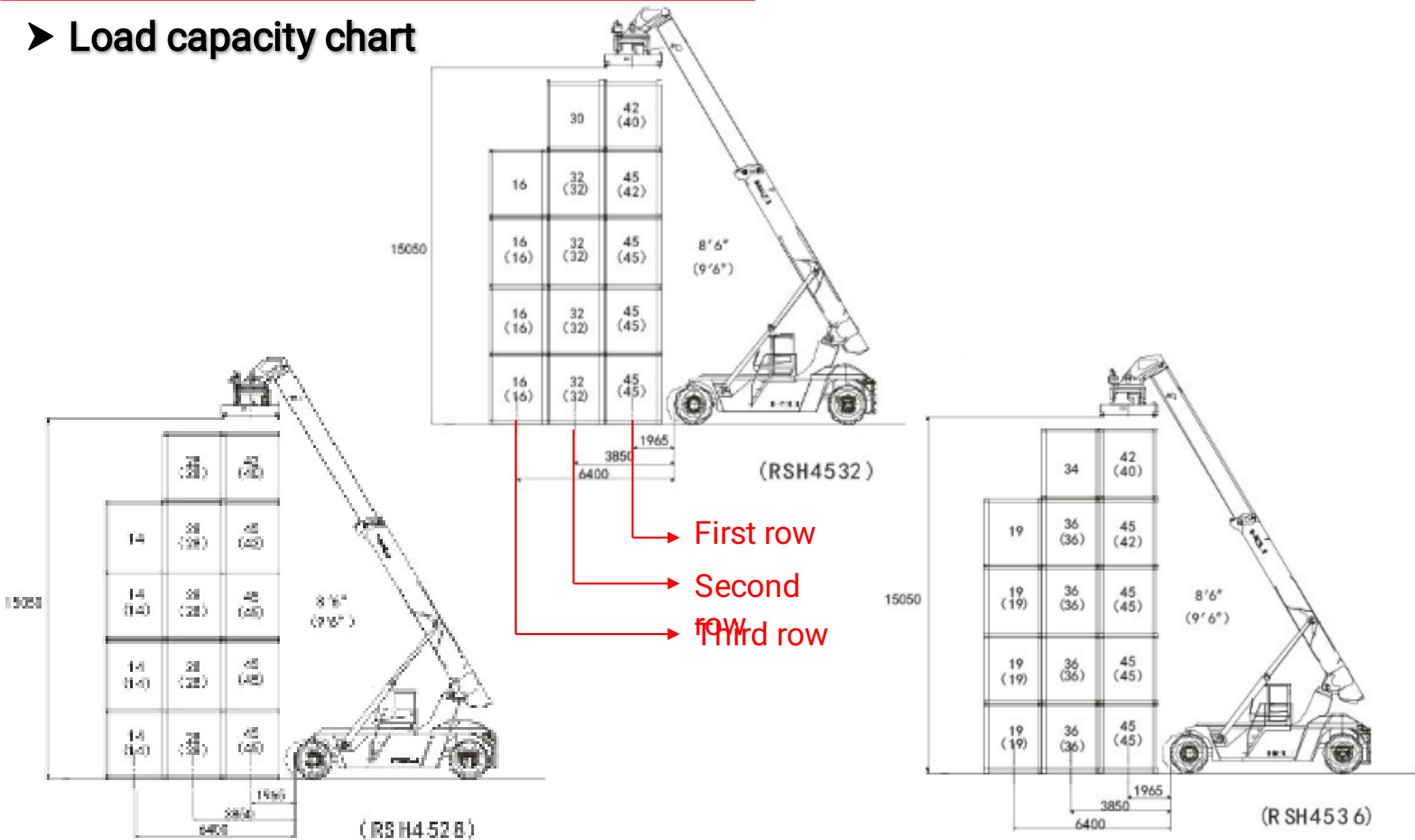


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Reach stacker

HELI合力

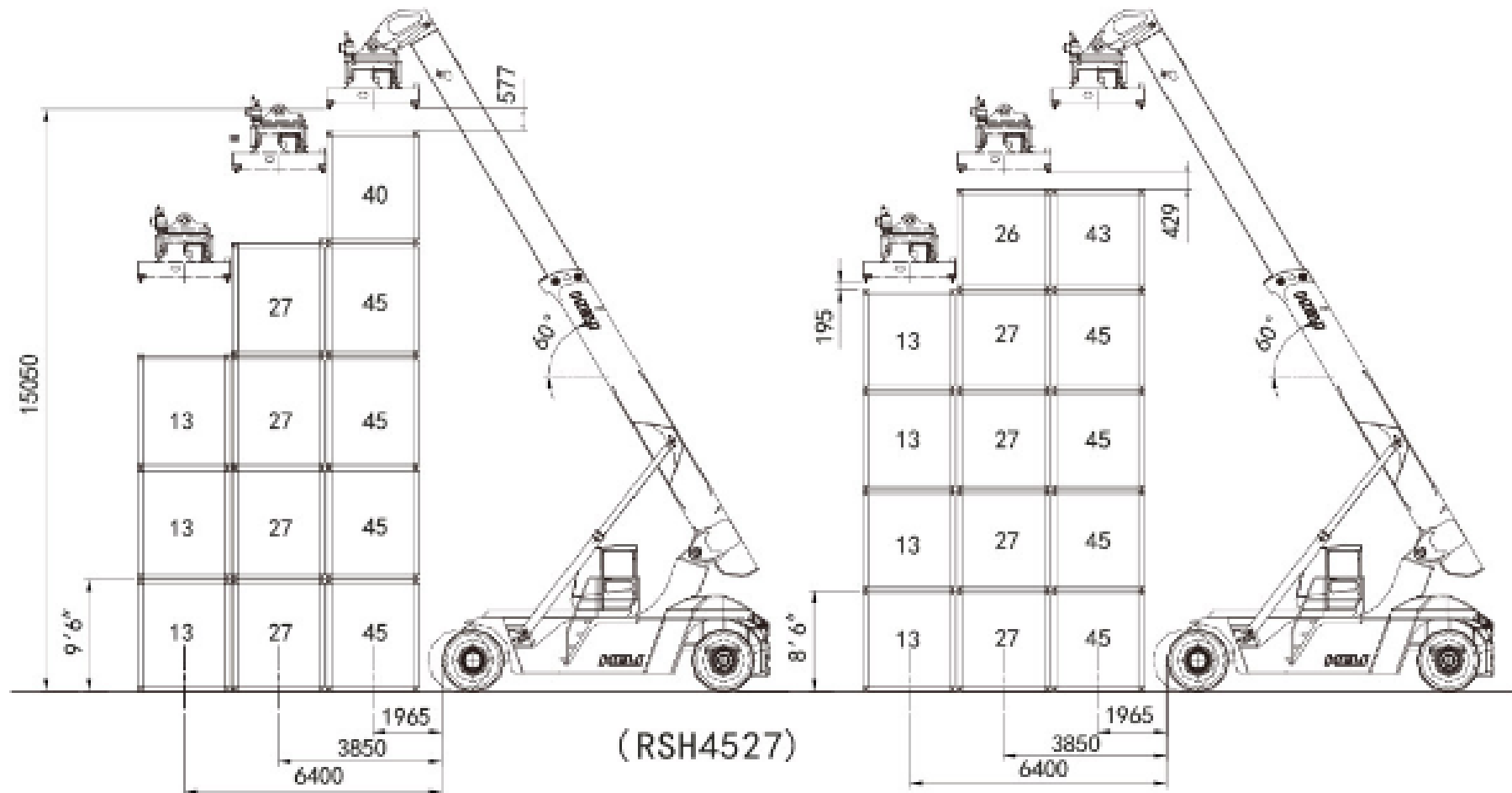
► Load capacity chart



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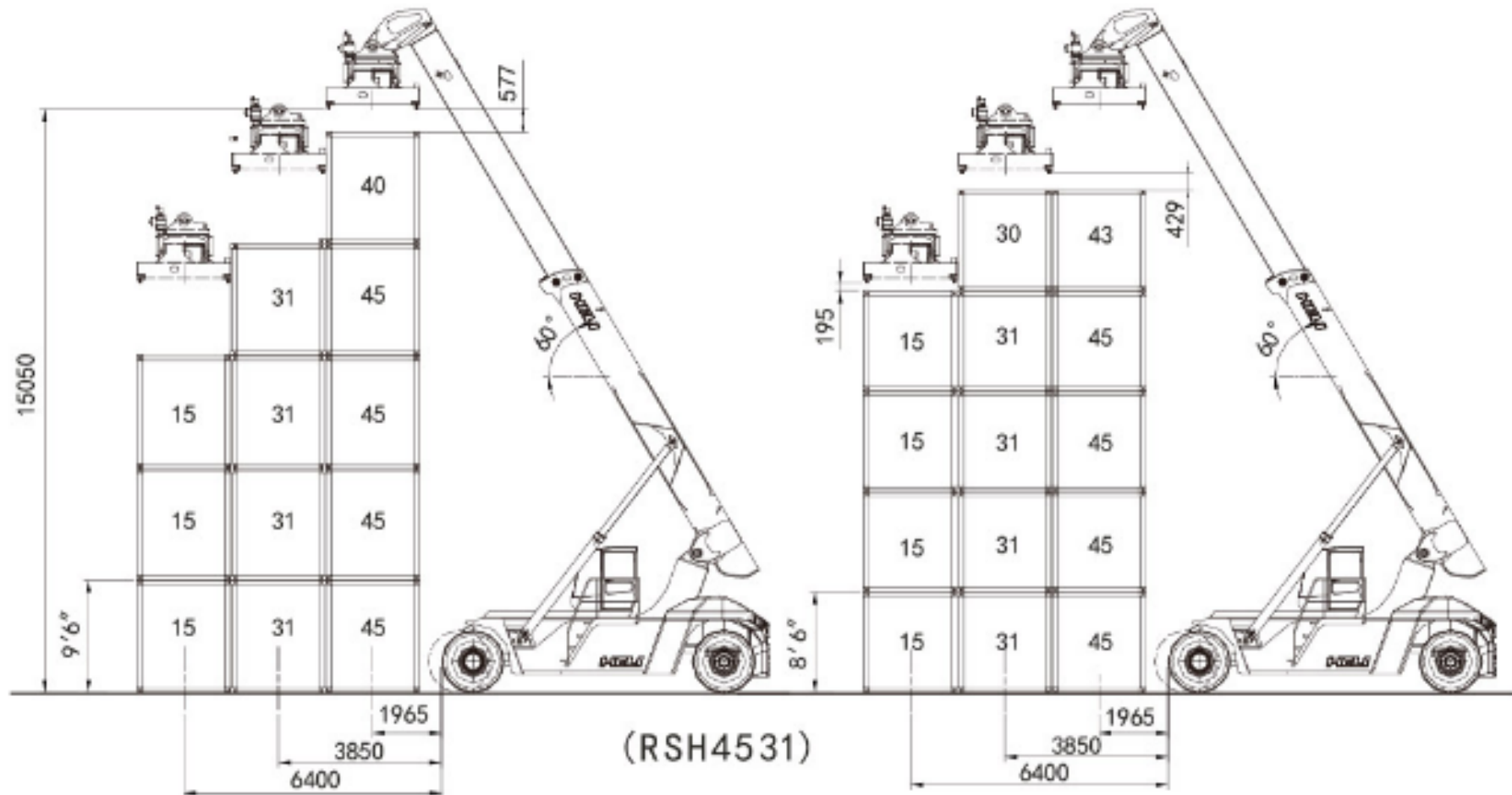
Reach stacker

► Load capacity chart



Reach stacker

► Load capacity chart



Reach stacker

HELI合力

Standard:

- Sliding drives cab;
- ELME container Spreader (imported)
- DANA gearbox;
- KESSLER drive axle;
- Parker hydraulic system(imported);
- Wet type brake;
- Air conditioner;
- Reversing radar;
- Pneumatic tire;
- LED light

Optional:

- GPS vehicle management
- Centralized lubrication system;
- Automatic lock when spreader catching container



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Application of Reach Stacker

HELI合力



Iran market



Poland market



Brazil market



Venezuela market



Logistics business



Railway station



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Application of Reach Stacker

HELI合力



Railway station



TIAN JIN seaport



DA FENG seaport



Automobile industry



WU HU seaport



GUANG ZHOU seaport



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Thanks!



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