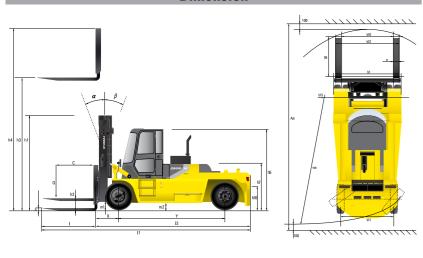
We build a better future

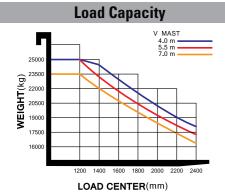
Dimension



Mast Specification

Mast ⁻	Гуре	Maximum Fork Height	Overall Height Lowerd		ingle eg)	Load Capacity (1,200mm LC)	Truck Weight Unloaded
		(mm)	(mm)	Fwd	Bwd	(kg)	(kg)
	V350	3,476	3,600	12	10	25,000	36,633
	* V400	4,030	3,877	12	10	25,000	37,021
	V450	4,530	4,127	12	10	25,000	37,271
2 Ctoro	V500	5,030	4,377	12	10	25,000	37,526
2-Stage	V550	5,530	4,627	12	10	24,950	37,788
	V600	6,030	4,877	12	10	24,950	38,379
	V650	6,530	5,127	12	10	24,450	38,686
	V700	7,030	5,377	12	10	23,550	38,968

* STANDARD



Optional Items

• FORK (L x W x T)(mm)

2,450 x 250 x 110(STD) / 2,700 x 250 x 110 / 3,150 x 250 x 110 / 3,650 x 250 x 110 / 3,700 x 250 x 110

- MCV:6-SPOOL
- INTEGRATED FORK POSITIONER(INDEPENDENT) + SIDE SHIFT(STD)
- AIR COMPRESSOR

- HANDS FREE
- TERMINAL WEST FORK CARRIAGE
- BEACON LAMP

14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	der-picker Q (t) c (mm) x(mm) y(mm) kg kg	Hyundai 250D-7E DIESEL seated 25.0 1,200 1,112 4,300 37,021 57,277 / 41,744
Manufacturer's type designation Drive: electric (battery or mains), diesel, petrol, fuel gas Type of operation:hand, pedestrian, standing, seated, or Load capacity / rated load Load capacity / rated load Load distance, center of drive axle to fork Wheelbase Weights Service weight Akle loading, loaded front/rear Akle loading, unloaded front/rear Tres:solid rubber, superplastic, pneumatic, polyue Tres size, front(width x Φ) Tres size, rear(width x Φ) Track width, front Track width, front Track width, rear Basic Dimensions Mast / fork carriage tilt forward / backward(α / β) Lowered mast height Free lift Lift height Extended mast height Overlal load guard (cab) height Seat height / standing height Coupling height Overall length Coupling height Fork-carriage width Ground clearance, loaded, under mast Ground clearance, centre of wheelbase Aisle width for pallets 1000x1200 crossways Aisle width for pallets 1000x1200 crossways Aisle width for pallets 1000x1200 crossways Turning radius Travel speed, Unloaded Lift speed, Loaded/Unloaded Lowering speed, Loaded/Unloaded Travel speed, Unloaded Lift speed, Loaded/Unloaded Cardient performance, Loaded Gradient performance, Loaded Service brake	der-picker Q (t) c (mm) x(mm) y(mm) kg kg	250D-7E DIESEL seated 25.0 1,200 1,112 4,300
3 Drive: electric (battery or mains), diesel, petrol, fuel gas 4 Type of operation: hand, pedestrian, standing, seated, or 5 Load capacity / rated load 6 Load center distance 8 Load distance, center of drive axle to fork 9 Wheelbase Weights 1 Service weight 2 Axle loading, loaded front/rear 3 Axle loading, unloaded front/rear Wheels, Chassis 1 Tires: solid rubber, superplastic, pneumatic, polyu 2 Tires size, front(width x Φ) 3 Tires size, rear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward(α / β) 2 Lowered mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Ground clearance, loaded, under mast 13 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 1000x1200 crossways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	der-picker Q (t) c (mm) x(mm) y(mm) kg kg	DIESEL seated 25.0 1,200 1,112 4,300
3 Drive: electric (battery or mains), diesel, petrol, fuel gas 4 Type of operation: hand, pedestrian, standing, seated, or 5 Load capacity / rated load 6 Load center distance 8 Load distance, center of drive axle to fork 9 Wheelbase Weights 1 Service weight 2 Axle loading, loaded front/rear 3 Axle loading, unloaded front/rear Wheels, Chassis 1 Tires: solid rubber, superplastic, pneumatic, polyu 2 Tires size, front(width x Φ) 3 Tires size, rear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward(α / β) 2 Lowered mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Ground clearance, loaded, under mast 13 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 1000x1200 crossways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	der-picker Q (t) c (mm) x(mm) y(mm) kg kg	seated 25.0 1,200 1,112 4,300
5 Load capacity / rated load 6 Load center distance 8 Load distance, center of drive axle to fork 9 Wheelbase Weights 1 Service weight 2 Axle loading, loaded front/rear 3 Axle loading, unloaded front/rear Wheels, Chassis 1 Tress size, front(width x Φ) 3 Tress size, front(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward(α / β) 2 Lowered mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Uerall width 11 Ground clearance, loaded, under mast 12 Ground clearance, centre of wheelbase 13 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 1000x1200 crossways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 8 Service brake	Q (t) c (mm) x(mm) y(mm) kg kg	25.0 1,200 1,112 4,300 37,021
Load distance, center of drive axle to fork	c (mm) x(mm) y(mm) kg kg	1,200 1,112 4,300 37,021
Load center distance	x(mm) y(mm) kg kg	1,112 4,300 37,021
Weights 1 Service weight 2 Axle loading, loaded front/rear 3 Axle loading, unloaded front/rear Wheels, Chassis 1 Tres:solid rubber, superplastic, pneumatic, polyu 2 Tres size, front(width x Φ) 3 Tres size, rear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward(α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 1. Free lift 13 Free lift 4 Lift sight 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 10 Coupling height 11 Ground clearance, loaded, under mast 12 Ground clearance, centre of wheelbase 13 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 1000x1200 crossways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded	y(mm) kg kg	4,300 37,021
Weights 1 Service weight 2 Axle loading, loaded front/rear 3 Axle loading, unloaded front/rear 3 Axle loading, unloaded front/rear Wheels, Chassis 1 Tres:solid rubber, superplastic, pneumatic, polyu 2 Tres size, front(width x Φ) 3 Tres size, rear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast/ fork carriage tilt forward / backward(α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 1 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 1000x1200 crossways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	y(mm) kg kg	4,300 37,021
1 Service weight 2 Axle loading, loaded front/rear 3 Axle loading, unloaded front/rear 3 Axle loading, unloaded front/rear 4 Tires:solid rubber, superplastic, pneumatic, polyto 5 Tires size, front(width x Φ) 6 Track width, front 7 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 6 Overhead load guard (cab) height 8 Seat height / standing height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 1 Overall width 13 Ground clearance, loaded, under mast 14 Fork-carriage width 15 Ground clearance, centre of wheelbase 16 Ground clearance, centre of wheelbase 17 Asile width for pallets 1000x1200 crossways 18 Asile width for pallets 900x1200 lengthways 19 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 1 Travel speed, Loaded/Unloaded 2 Croub rake	kg kg kg	37,021
1 Service weight 2 Axle loading, loaded front/rear 3 Axle loading, unloaded front/rear 3 Axle loading, unloaded front/rear 4 Tires:solid rubber, superplastic, pneumatic, polyto 5 Tires size, front(width x Φ) 6 Track width, front 7 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 6 Overhead load guard (cab) height 8 Seat height / standing height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 1 Overall width 13 Ground clearance, loaded, under mast 14 Fork-carriage width 15 Ground clearance, centre of wheelbase 16 Ground clearance, centre of wheelbase 17 Asile width for pallets 1000x1200 crossways 18 Asile width for pallets 900x1200 lengthways 19 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 1 Travel speed, Loaded/Unloaded 2 Croub rake	kg kg	
Axie loading, loaded front/rear Axie loading, unloaded front/rear Tires: Solid rubber, superplastic, pneumatic, polyty Tires size, front(width x Φ) Tires size, rear(width x Φ) Wheels, number front x rear (x=driven wheels) Track width, front Track width, rear Basic Dimensions Mast / fork carriage tilt forward / backward (α / β) Lowered mast height Free lift Lift height Extended mast height Overhead load guard (cab) height Seath height / standing height Coupling height Uerall length Coupling height Coupli	kg kg	
Wheels, Chassis 1 Tires:solid rubber, superplastic, pneumatic, polytonessis 1 Tires:size, front(width x Φ) 3 Tires size, ear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward(α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Uerall width 11 Overall width 12 Fork dimensions 1 I. 13 Ground clearance, loaded, under mast 14 Fork-carriage width 15 Ground clearance, centre of wheelbase 16 A sisle width for pallets 1000x1200 crossways 17 Turning radius 18 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 7 Gradient performance, Loaded	kg	07,277, 11,711
Wheels, Chassis 1 Tires:solid rubber, superplastic, pneumatic, polytone in the content of the	ű	18,647 / 18,374
1 Tires:solid rubber, superplastic, pneumatic, polyto 2 Tires size, front(width x Φ) 3 Tires size, rear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seath height / Standing height 9 Overall length 10 Uerall length 11 Overall width 12 Coupling height 12 Coupling height 13 Overall width 14 Ground clearance, loaded, under mast 15 Ground clearance, centre of wheelbase 16 Ground clearance, centre of wheelbase 17 Asiale width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Travel speed, Unloaded 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 4 Gradient performance, Loaded 5 Drawbar pull, Loaded 6 Gradient performance, Loaded 7 Gradient performance, Loaded 10 Service brake	rethane	10,047 / 10,074
2 Tires size, front(width x Φ) 3 Tires size, rear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Uerall width 11 Ground clearance, loaded, under mast 12 Ground clearance, centre of wheelbase 13 Aisle width for pallets 800x1200 lengthways 14 Aisle width for pallets 800x1200 lengthways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded 6 Gradient performance, Loaded 7 Gradient performance, Loaded 0 Service brake	ioniaile	Droumot's
3 Tires size, rear(width x Φ) 5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward(α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork-carriage width 13 Ground clearance, loaded, under mast 14 Fork-carriage width 15 Ground clearance, centre of wheelbase 16 Salle width for pallets 1000x1200 crossways 17 Asile width for pallets 800x1200 lengthways 18 Turning radius 19 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake		Pneumatic 14.00 - 24 - 28PF
5 Wheels, number front x rear (x=driven wheels) 6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 13 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 1000x1200 lengthways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded 6 Gradient performance, Loaded 7 Gradient performance, Loaded 7 Gradient performance, Loaded 0 Service brake		14.00 - 24 - 28PF
6 Track width, front 7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 1 Free lift 13 Ground clearance, loaded, under mast 14 Fork-carriage width 15 Ground clearance, centre of wheelbase 16 Asile width for pallets 1000x1200 crossways 17 Larining radius 18 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded 6 Gradient performance, Loaded 7 Gradient performance, Loaded 0 Service brake		
7 Track width, rear Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Asile width for pallets 1000x1200 crossways 18 Asile width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	h10 (mm)	4 x 2 2.212
Basic Dimensions 1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions	b10 (mm) b11 (mm)	
1 Mast / fork carriage tilt forward / backward (α / β) 2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions I, 13 Ground clearance, loaded, under mast 14 Fork-carriage width 15 Ground clearance, centre of wheelbase 16 Gaule width for pallets 1000x1200 crossways 17 Aisle width for pallets 1000x1200 lengthways 18 Turning radius 19 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	OTT (IIIIII)	2,140
2 Lowered mast height 3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions I, 13 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 1000x1200 crossways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	4	
3 Free lift 4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions I, 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Travel speed, Unloaded 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	degrees	12/10
4 Lift height 5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions I, 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	h1 (mm)	3,877
5 Extended mast height 7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork-carriage width 13 Ground clearance, loaded, under mast 14 Fork-carriage width 15 Ground clearance, centre of wheelbase 16 Asile width for pallets 1000x1200 crossways 17 Asile width for pallets 800x1200 lengthways 18 Turning radius 19 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	h2 (mm)	0
7 Overhead load guard (cab) height 8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions I, 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Travel speed, Unloaded 10 Travel speed, Loaded/Unloaded 11 Travel speed, Loaded/Unloaded 12 Litt speed, Loaded/Unloaded 13 Lowering speed, Loaded/Unloaded 14 Gradient performance, Loaded 15 Gradient performance, Loaded 16 Gradient performance, Loaded 17 Gradient performance, Loaded 18 Service brake	h3 (mm)	4,030
8 Seat height / standing height 2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions I, 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Asile width for pallets 1000x1200 crossways 18 Asile width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	h4 (mm)	5,837
2 Coupling height 9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance 11 Travel speed, Unloaded 12 Lift speed, Loaded/Unloaded 13 Lowering speed, Loaded/Unloaded 15 Drawbar pull, Loaded 16 Gradient performance, Loaded 17 Gradient performance, Loaded 18 Service brake	h5 (mm)	3,223
9 Overall length 10 Length to face of forks 11 Overall width 12 Fork dimensions I, 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Turning radius 11 Travel speed, Unloaded 12 Lift speed, Loaded/Unloaded 13 Lowering speed, Loaded/Unloaded 15 Drawbar pull, Loaded 16 Gradient performance, Loaded 17 Gradient performance, Loaded 18 Gradient performance, Loaded 19 Gradient performance, Loaded	h7 (mm)	2,150
Length to face of forks 1 Overall width 12 Fork dimensions 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance 11 Travel speed, Unloaded 22 Lift speed, Loaded/Unloaded 33 Lowering speed, Loaded/Unloaded 45 Drawbar pull, Loaded 56 Gradient performance, Loaded 77 Gradient performance, Loaded	h10 (mm)	528
21 Overall width 22 Fork dimensions I, 24 Fork-carriage width 25 Fork-carriage width 26 Ground clearance, loaded, under mast 27 Ground clearance, centre of wheelbase 28 Aisle width for pallets 1000x1200 crossways 29 Aisle width for pallets 800x1200 lengthways 29 Turning radius 20 Samllest pivot point distance 20 Lift speed, Unloaded 21 Lift speed, Loaded/Unloaded 32 Lowering speed, Loaded/Unloaded 33 Lowering speed, Loaded/Unloaded 45 Drawbar pull, Loaded 67 Gradient performance, Loaded 70 Gradient performance, Loaded	l1 (mm)	8,812
12 Fork dimensions I, 14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	12 (mm)	6,362
14 Fork-carriage width 15 Ground clearance, loaded, under mast 16 Ground clearance, centre of wheelbase 17 Aisle width for pallets 1000x1200 crossways 18 Aisle width for pallets 800x1200 lengthways 19 Turning radius 10 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	b1 (mm)	3,050
Ground clearance, loaded, under mast Ground clearance, centre of wheelbase Asisle width for pallets 1000x1200 crossways Asisle width for pallets 800x1200 lengthways Turning radius Ground clearance, under the same state of the sa	e / s (mm)	2,450 x 250 x 110
12 Ground clearance, centre of wheelbase 13 Aisle width for pallets 1000x1200 crossways 14 Aisle width for pallets 800x1200 lengthways 15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	b12 (mm)	2,600
Aisle width for pallets 1000x1200 crossways Aisle width for pallets 800x1200 lengthways Turning radius Smallest pivot point distance Performance Data Travel speed, Unloaded Lift speed, Loaded/Unloaded Lowering speed, Loaded/Unloaded Drawbar pull, Loaded Gradient performance, Loaded	m1(mm)	300
A Aisle width for pallets 800x1200 lengthways Turning radius Smallest pivot point distance Performance Data Travel speed, Unloaded Lift speed, Loaded/Unloaded Lowering speed, Loaded/Unloaded Drawbar pull, Loaded Gradient performance, Loaded Service brake	m2(mm)	250
A Aisle width for pallets 800x1200 lengthways Turning radius Smallest pivot point distance Performance Data Travel speed, Unloaded Lift speed, Loaded/Unloaded Lowering speed, Loaded/Unloaded Drawbar pull, Loaded Gradient performance, Loaded Service brake	Ast(mm)	9,569
15 Turning radius 16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	Ast(mm)	9,569
16 Smallest pivot point distance Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	Wa(mm)	5,807
Performance Data 1 Travel speed, Unloaded 2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	b13(mm)	1,981
2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake		,,,,
2 Lift speed, Loaded/Unloaded 3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	km/h	31.7
3 Lowering speed, Loaded/Unloaded 5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	mm/s	250 /280
5 Drawbar pull, Loaded 7 Gradient performance, Loaded 0 Service brake	mm/s	400 / 300
7 Gradient performance, Loaded 0 Service brake	KN	21.5
0 Service brake	%	33.8
	/0	Wet, Hydraulic
	- 1	**** Tryuruullo
Engine		C
1 Engine manufacturer / type		Cummins QSC
2 Engine power acc. to ISO 1585		194
Rated speed	kW	2,200
4 No. of cylinder / cubic capacity	1/min	8,300
Fuel consumption acc. To VDI cycle	1/min /cm³	25
Other Details	1/min	

Other Details					
8.1	Type of drive control		Power Shift		
8.2	Operating pressure for attachments(system/attach)	bar	240 / 160		
8.3	Oil volume for attachments	Litter	270		
8.4	Sound level at driver's ear according to DIN 12 053	db(A)	77		

HYUNDAI CONSTRUCTION EQUIPMENT





HYUNDAI DIESEL FORKLIFT TRUCKS Applied Tier 3 Engine

250D-7E





_ 02

Ability of best, the new master on the job-site!

Smooth running, efficiently and ergonomically designed, 250D-7E series are made to meet your needs.



194kW//2,2007pm 1204kgf+m/f1,4007pm

Full-automatic Transmission

two kinds of automatic modes. (1st \leftrightarrow 3rd, 2nd \leftrightarrow 3rd)

Full-automatic transmission gives easy, convenient handling and soft, smooth shifting. The operator can select

Powerful Engine

Cummins QSC Engine

The six cylinders turbo-charged engine is built for power, reliability and economy. This engine meets EPA Tier 3 and EU stage IIIA emission regulation.



Engine Control Mode

According to operating load, the operator can select engine mode by changing side panel switch.

STD Mode: Fuel reduction mode for light-duty operating load POWER Mode: Heavy-duty or operating at slope



Adjustable Engine Low Idle RPM

While engine runs, low idle rpm can be increased by unit of 25rpm and it keeps previously set rpm when engine restarts.







Cruise Control

It offers the ability to automatically maintain a desired engine speed with no accelerator pedal input and reduce fuel consumption.

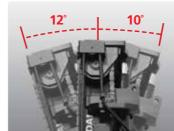


Transmission Control Switch



Excellent Night Work

- Various position of work lamp provides the operator more comfortable and safe operating environments.
- Front : fender(2), mast(2) Rear : cab(2)



Increased Mast Tilting Angle

Utilizing the mast tilting angle of 12 degrees forward and 10 degrees backward, the operator can perform loading and unloading jobs safely and rapidly.

Faster Travel Speed & Better Gradability

The powerful engine provides greater acceleration, better gradability and faster travel speed on any tough terrains or slopes.



Gradability (Loaded) 250D-7E: 33.8%

Travel Speed (Unloaded)

250D-7E : 31.7 km/h

05

Ergonomic driving space design!

A design based on human engineering relieves fatigue and increases operator's efficiency.

Operator Friendly Gauges and Water-resistant Monitor Panel





Easily Adjustable Suspension Seat

An attractive and adjustable seat, based on a human engineering design, provides great comfort, safety and durability. (Head Rest - option)

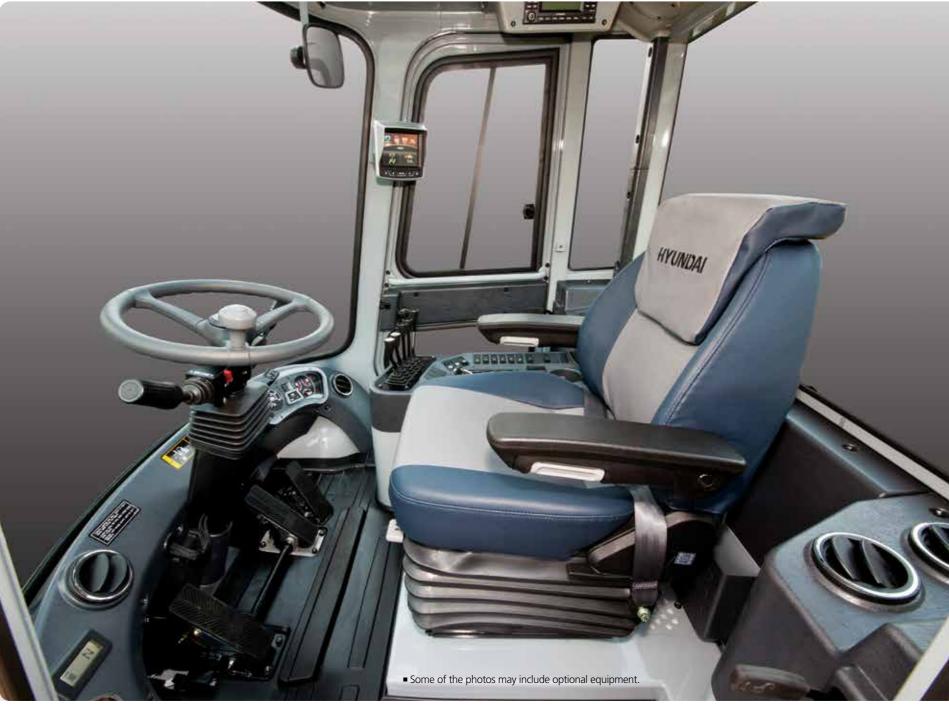


High-output Air Conditioner & Heater

An air conditioner with integrated the condenser is mounted on upper side of the cabin to make a

And an air conditioner with high-output and heater always provide you with comfortable







Rear View Camera

The rear view camera makes the A load can be placed on the fork camera channels.



Load Indicator

operation more easy and and can be accurately weighed convenient. And it supports 4 by measuring the hydraulic



Centralized Instrument switch Panel



MP3 CD Player & Remote Control



Hands Free Socket (Option)



Quick Response of Operating Control Levers

Only minimal operator's effort is required for precise, safe and productive control. (5-Lever, 6-Function: Standard) (5-Lever, 7-Function: Option)



Ergonomically Positioned Pedals

Based on human engineering the accelerator, brake and inching pedals are optimally positioned for the operator's convenience.



Adjustable Steering Column

Steering handle is adjustable depending on the operator's body shape. Adjustability of steering column makes you more comfortable.

Danger-free through high durability!

Safety and durability are priorities in design of the equipment.



Up-to-date Cooling System

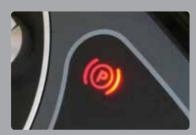
The minimum fuel consumption and low noise are available by applying hydraulic cooling fan sensing intake air temperature, transmission oil temperature, coolant temperature and hydraulic temperature.



OPSS(Operator Presence Sensing System)

Control of mast tilting, lifting and lowering is not possible through operation of the appropriate control when the operators is not in the normal position.





Auto Parking

The parking brake is engaged automatically when the transmission is neutral and the operator leaves the seat





Wet Disc Brake System

The wet disc brake system is virtually maintenance free and is enclosed to protect from dust and water.



Fitted Protector for Hub Bolts

Durability has improved by applying protector for preventing bolts breakage. (Easy parts supply due to the wheel in common with front wheel)



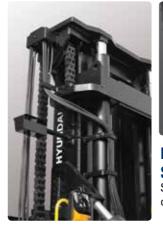
Cabin Tilting Automatic System

Cabin tilting automatic system makes servicing of all power train components quick and easy. An electrically assisted hydraulic actuated cylinder tilts operator cabin to left side about 65 degrees for easy access to inside of truck components.



Grease Fittings

Grease fittings are installed for fast access to steering axle center pin when doing your service checks.





Highly Durable Mast & Carriage Side Roller

Side roller with great durability for mast and carriage is included.



Highly Durable Carriage

The carriage is very strong cause of applying the high tensile structural steel which has a excellent durability.

Wide "ope and safety the truck.



Large Footboard & Handle

Wide "open" step offers convenience and safety when entering and exiting the truck.

Centralized design for easy service!

An ideal arrangement of component parts ensures easy access and convenience for maintenance.



Large Engine Hood

Highly accessible engine compartment assures fast and efficient maintenance.



Easy Change Air Cleaner
This air filter is readily accessible for cleaning or replacement.





Cabin Air Fresh Filter

The internal pressure is maintained to be slightly higher than that of outside to exclude dust and to





Compact fuse Box for Easy Inspection



Mechanic Friendly Fuel Filter Replacement

Highly accessible engine compartment allows for quick replacement of filters.



Electrically Monitored Air Filter

Air cleaner sensor alerts the operator of a clogged air filter and allows opened by a self locking gas spring. replacement before damage.



Automatic Self Locking Gas Spring

Engine compartment hood is safely



Master Switch

A master switch disconnects the battery power to protect the electrical system from excess electrical drainage.



Large Tool Box



Pressure Gauge Port



Easy Maintenance Oil Check