



2,5 t
3,0 t
3,5 t
4,0 t
5,0 t

EU Stage 3 -5 Engine

FORKLIFT TRUCKS

RECORD 2E



POWER
Net: 42-65 kW/2600 rpm

RATED CAPACITY
2500-5000 kg

LOAD CENTER
500-600 mm

LIFTING HEIHGT
3000-6400 mm



Comfort
&
Safety

**THE BEST TRUCK
FOR EVERY JOB...**

ERGONOMIC DESIGN THAT PROVIDES COMFORT

The forklift trucks produced by "Balkancar Record" JSC are designed in compliance with ergonomic considerations for work with less fatigue and meet all modern European safety regulations and environmental standards. The machines have an easily adjustable steering column, allowing the driver to choose the most comfortable position, guaranteeing reduced fatigue in long hours of work. The wide and flat floor and the low-lying, ergonomic pedals create comfort and increase the efficiency of the driver. The step is comfortable, non-slip and makes the getting in and getting off the machine safe and easy. A handle for convenience and security is also installed.



Ergonomic, adjustable seat

- Wide seating area;
- Position adjustment on the seat;
- Safety belt;
- Comfortable armrests;
- Change the slope of the backrest;
- Seat cushion adjustment.

Movement, management and control

- Movement, operation and control
- Smooth start;
 - Precise maneuvering;
 - Minimum turning radius and high maneuverability;
 - High traction and dynamic characteristics;
 - Permission to drive only when there is a selected direction;
 - Adjustable steering column;
 - Hydraulic power steering;
 - Conveniently located display that shows the main working parameters
 - A combination of high quality components and modern production technologies.

Electric lighting, signalization, safety

- Designed for driving and working in unlit and closed premises;
- Audible alarm for reversing;
- Signal lamp - BLUE SPOT when reversing;
- Rotating warning light;
- Safety is ensured with a system that does not allow unpredictable driving without the driver sitting down at his seat.

Overview when maneuvering backwards

The panoramic mirror allows a wide angle of vision and ensures safety at work.

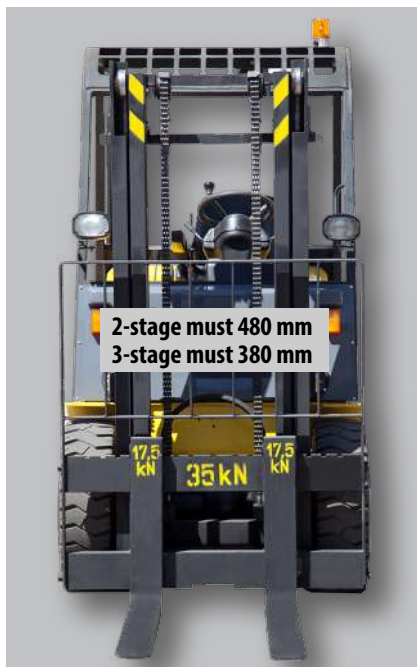


Comfort & Safety

Superior Visibility

The mast rail section has been flattened and the inside width expanded for superior front visibility. With the lowered position of 3-stage mast center cylinder and the tilt stay, plus the inclined backrest, front visibility is improved, and blind spots are reduced.

The 2.0-3.5 ton Trucks also provides clear fork tip visibility. The size and layout of the dashboard and meter panel are optimized.



Save Travel in Reverse

The upper corners of the counterweight are inclined to improve visibility. The edge of the counterweight, which is visible from the operator's seat, is designed to provide better visibility when confirming distances while reversing.

The new counterweight outlets are flow-directional, which are designed to prevent hot air from blowing onto the operator while reversing. The tail pipe has also been repositioned and is now located at the lowest point of the counterweight. This improves driver comfort and prevents stains that are caused by exhaust gas.



COMFORT & SAFETY

Travel Control in Intended

Wide Opening Engine Hood with a Lock for Easy Servicing.



Low Maintenance

The combination of easy access and quality components reduces maintenance time and increases productivity.



DIESEL AND GAS POWER PACKS

CLEAN
COMPACT
READY TO INSTALL
PERFECT SERVICE

Clean

Power Packs are both economical and low in emissions and impress with their fully-electronic engine management system.

Benefiting from an integrated exhaust gas after-treatment system combining the diesel oxidaton catalyst (DOC) and diesel particulate filter (DPF), they meet the latest stringent emission standards, EPA/CARB Tier 3B and EU Stage V.

Compact

The easy to install Power Packs take up little space, allowing adequate reserves for the addition of further components. With their easy accessible PTO positions installation is possible even in the most restricted applications. Without the need of a charge air cooler, the air filter is integrated so that all the components requiring servicing are accessible from one side.

ENGINE

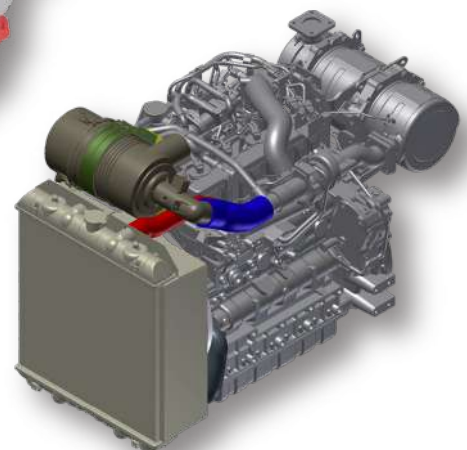
Ready To Install

With Power Packs, manufactures of the engines offer the customer with a complete power solution which can be easily integrated into many different types of application reducing time-consuming and expensive in-house development. Thanks to the modular accessory system, the ancillary items can be individually configured for the specific requirements, and commissioned without delay.

Engine Service Network

Thear's expert service staff around the world are committed to stand by our customers with reliable after-sales services. Our firm stance is to quickly deliver the precise service parts to repair and maintain Kubota and Deutz powered machines for all our customers worldwide. It's an initiative that leads Kubota and Deutz to become a Global Major Brand.

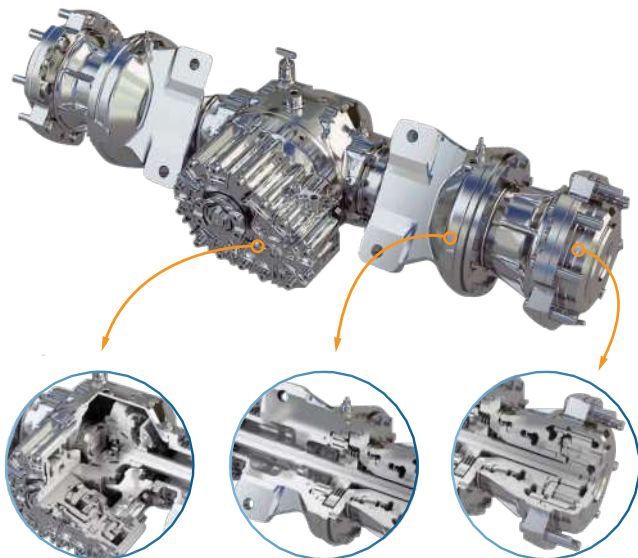
CERTIFIED
STAGE V



TRANSMISSIONS & CONSTRUCTIONS

High Durable Split Type Drive Axle

It has 3 pieces of durable and modular designed housing and Wet Multi Disc type of service brake with self adjusted stroke of actuator for keeping constant depth of brake pedal. The wet service brake has premium paper disc for excellent performance and permanent life.



Wet Parking Brake

It has durable wet multi disc and is electrically controlled. (SAHR Type)

Wet Service Brake

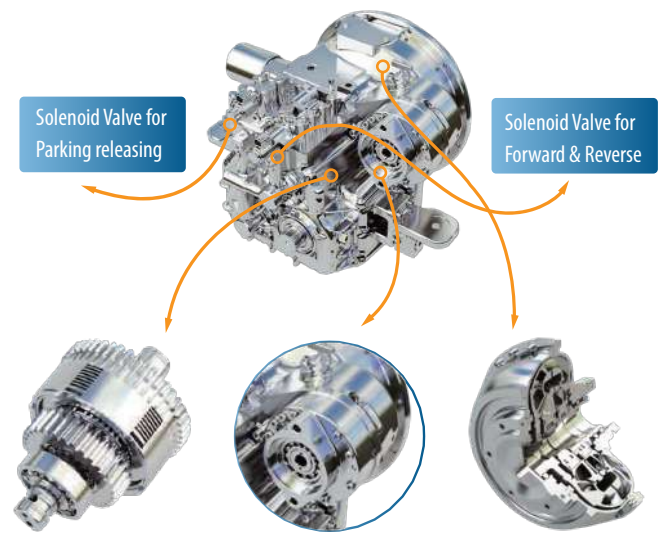
It has enough capacity of torque & energy with premium paper disc for permanent life

Planetary Gear

It has durable planetary gear system at the end of the axle.

Hydrodynamic Transmitter

It has a high efficiency of torque converter and a durable hydraulic clutch package. Especially, there is electrically controlled parking system with Wet Multi Disc and quill type of Power Take Off. It provides pressurized oil from control valve for releasing of parking. You can expect convenient driving and operating.



Hydraulic Clutch

It has enough capacity of torque & energy with premium paper disc for permanent life.

Power Take Off

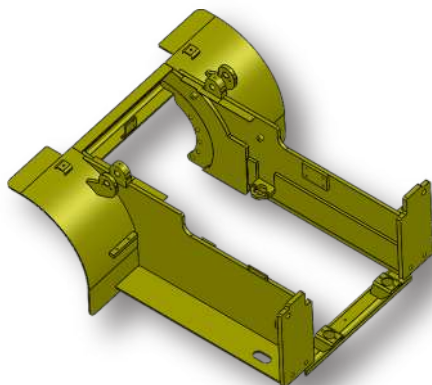
It has durable Power Take Off for gear pump of forklift.

Torque Converter

It has more than 5.0 of high torque ratio & 315mm of turbine for better acceleration.

Heavy Duty Single Unit Type Frame

Heavy duty single unit type frame, designed on the basis of accurate structural analysis, guaranteeing durability and safety.



Strong Overhead Guard

The safety overhead guard meets and ANSI regulations and protects the operator during hazardous jobs.

Design

A new solution in compact forklifts that unifies the best ideas and materials in a highly functional and effective machine.

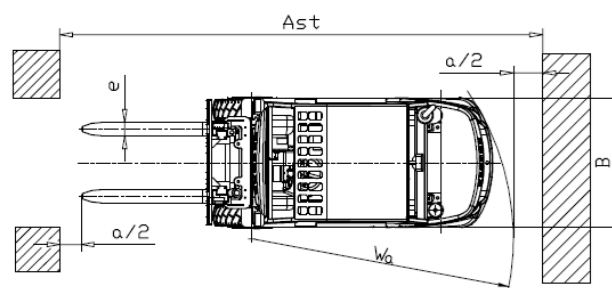
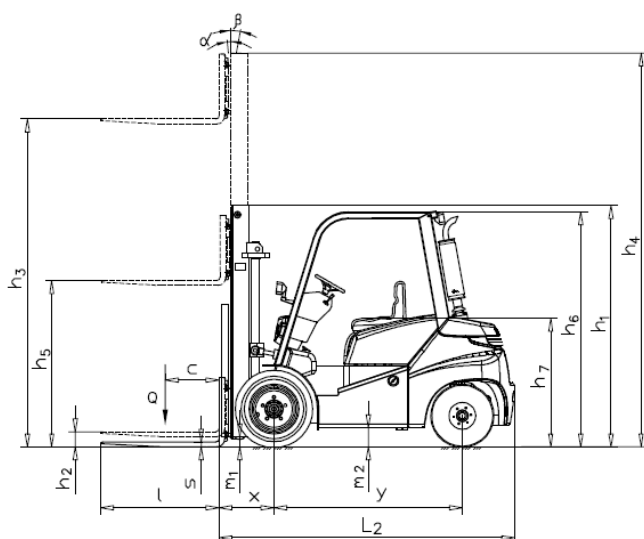
Reliability and Durability

Qualities inherent in this newly designed generation of compact forklifts and demanded by today's market.



DIESEL FORKLIFTS 2.5-3.5t

RECORD 2E		SPECIFICATION				
		BALKANCAR RECORD JSC				
1	Manufacturer					
2	Type		DV 1786.30.5MC E	DV 1788.30.5MC E	DV 1792.30.5MC E	
3	Load capacity	Q	kg	2500	3000	3500 ¹⁾
4	Load center	C	Load center to fork face	mm 500		
5	Drive unit	Battery/diesel/LPG		Diesel		
6	Type of operation	Pedestrian/rider seated/stand-on		Rider seated		
7	Overall dimensions	h_3	Lift height	mm 3000 ¹⁾		
8		L_2	Length	mm 2610	2740	
9		B	Width	mm 1200		
10		h_6	Height of overhead guard	mm 2160		
11	Internal combustion engine	Manufacturer, type diesel/LPG)		TOYOTA 3Z, diesel		
12	Transmission	Type, speeds (forward/backward)		Hydrodynamic, 1/1		



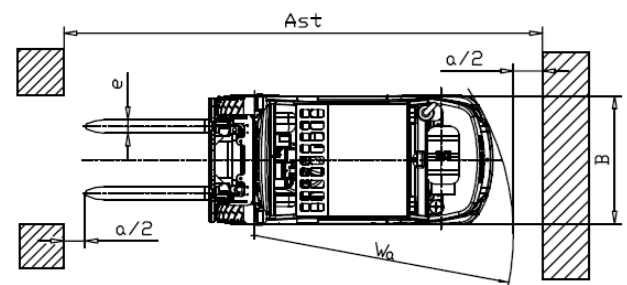
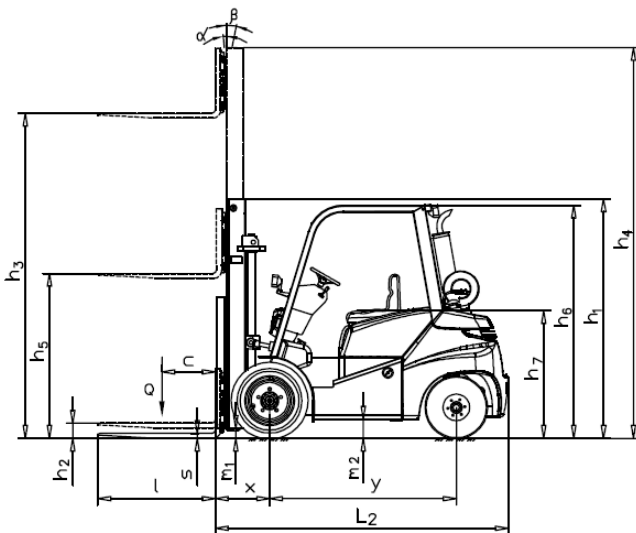
- 1) For other lift heights refer to MAST table.
Size h_4 does not include a load backrest. When a backrest is fitted add + 680 mm.

- Forklifts in accordance with BDS ISO 3691-1.
- Other variants of specifications and characteristics are possible.
- Dimensions and parameters as shown are for reference only. They have been obtained under laboratory testing conditions. They could vary in accordance with the operation mode and the corresponding variants.
- “Balkancar Record” JSC reserves the right to introduce changes to the specifications and products without notice.



GAS FORKLIFTS 2.5-3.5t

RECORD 2E		SPECIFICATION			
1	Manufacturer	BALKANCAR RECORD JSC			
2	Type		GV 3786.30.5MC E / GV 3786.30.3MC E	GV 3788.30.5MC E / GV 3788.30.3MC E	GV 3792.30.5MC E / GV 3792.30.3MC E
3	Load capacity	Q	kg	2500	3000 3500
4	Load center	C	Load center to fork face	mm	500
5	Drive unit		Battery/diesel/LPG		gas (LPG) / gazoline
6	Type of operation		Pedestrian/rider seated/stand-on		Rider seated
7	Overall dimensions	h_3	Lift height	mm	3000 ¹⁾
8		L_2	Length	mm	2610 2740
9		B	Width	mm	1200
10		h_6	Height of overhead guard	mm	2160
11	Internal combustion engine		Manufacturer, type (diesel/LPG)		TOYOTA 4Y / KUBOTA WG 2503 (LPG / gazoline)
12	Transmission		Type		Hydrodynamic



- 1) For other lift heights refer to MAST table.
Size h_4 does not include a load backrest. When a backrest is fitted add + 680 mm.

- Forklifts in accordance with BDS ISO 3691-1.
- Other variants of specifications and characteristics are possible.
- Dimensions and parameters as shown are for reference only. They have been obtained under laboratory testing conditions. They could vary in accordance with the operation mode and the corresponding variants.
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MAST 2,5 - 3,5t

TYPE	LIFT HEIGHT h_3	HEIGHT, MAST LOWERED h_1	HEIGHT, MAST EXTENDED h_4	FREE LIFT h_2/h_5
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SIMPLEX – 2,5 t FORKLIFT (Two masts, Free lift)

30 S	3000	2100	3545	96
40 S	4000	2590	4545	96

DUPLEX – 2,5 t FORKLIFT (Two masts, Extended free lift)

30 D	3000	2100	3600	1500
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TRIPLEX – 2,5 t FORKLIFT (Three masts, Extended free lift)

42 T	4200	2100	4820	1480
45 T	4500	2240	5240	1600
48 T	4800	2310	5450	1660
52 T	5200	2440	5840	1800
56 T	5600	2590	6290	1940
64 T	6400	2840	7040	2200

SIMPLEX – 3,0 - 3,5 t FORKLIFT (Two masts, Free lift)

30 S	3000	2100	3545	96
40 S	4000	2590	4545	96

DUPLEX – 3,0 - 3,5 t FORKLIFT (Two masts, Extended free lift)

30 D	3000	2100	3630	1500
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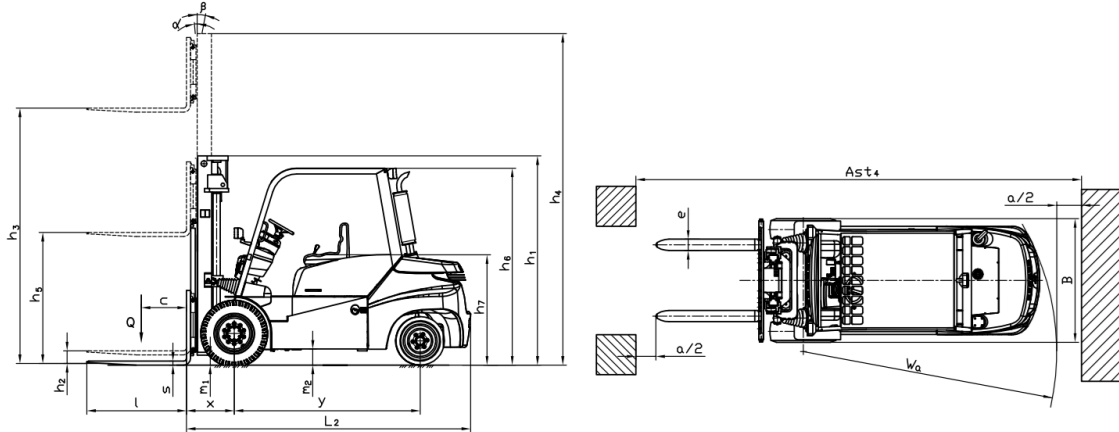
TRIPLEX – 3,0 - 3,5 t FORKLIFT (Three masts, Extended free lift)

42 T	4200	2100	4915	1400
45 T	4500	2240	5240	1520
48 T	4800	2340	5540	1600
52 T	5200	2490	5970	1740
56 T	5600	2590	6315	1900
64 T	6400	2840	7100	2140

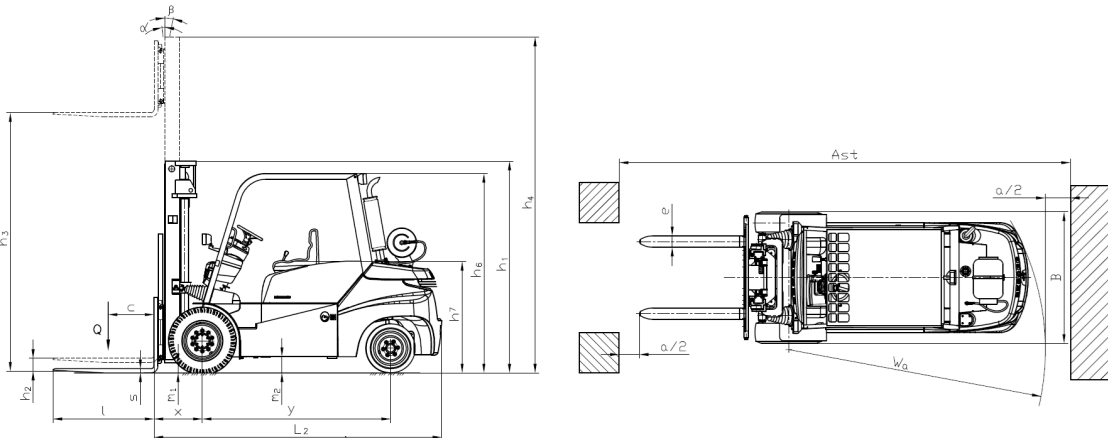


DIESEL AND GAS FORKLIFT TRUCKS 4-5t

RECORD 2E		SPECIFICATION			
1	Manufacturer	BALKANCAR RECORD JSC			
2	Type			DV 1794.30.3MC E S	DV 1798.30.3MC E S
3	Load capacity	Q	kg	4000	5000
4	Load center	C	Load center to fork face	500	
5	Drive unit	Battery/diesel/LPG			Diesel
6	Type of operation	Pedestrian/rider seated/stand-on			Rider seated
7	Overall dimensions	h_3	Lift height	mm	3000 ¹⁾
8		L_2	Length	mm	3050
9		B	Width	mm	1480
10		h_6	Height of overhead guard	mm	2220
11	Internal combustion engine	Manufacturer, type diesel/LPG)			KUBOTA 3300 / 3600 (diesel)
12	Transmission	Type			Hydrodynamic



RECORD 2E		SPECIFICATION			
1	Manufacturer	BALKANCAR RECORD JSC			
2	Type			GV 3794.30.3MC E S	GV 3798.30.3MC E S
3	Load capacity	Q	kg	4000	5000
4	Load center	C	Load center to fork face	500	
5	Drive unit	Battery/diesel/LPG			gas (LPG) / gasoline
6	Type of operation	Pedestrian/rider seated/stand-on			Rider seated
7	Overall dimensions	h_3	Lift height	mm	3000 ¹⁾
8		L_2	Length	mm	3050
9		B	Width	mm	1480
10		h_6	Height of overhead guard	mm	2220
11	Internal combustion engine	Manufacturer, type (diesel/LPG)			KUBOTA WG 3800 (LPG / gasoline)
12	Transmission	Type			Hydrodynamic



1) For other lift heights refer to MAST table.

Size h_4 does not include a load backrest. When a backrest is fitted add + 680 mm.

1. Forklifts in accordance with BDS ISO 3691-1.

2. Other variants of specifications and characteristics are possible.

3. Dimensions and parameters as shown are for reference only. They have been obtained under laboratory testing conditions.

They could vary in accordance with the operation mode and the corresponding variants.

4. "Balkancar Record" JSC reserves the right to introduce changes to the specifications and products without notice.

MAST 4-5t

TYPE	LIFT HEIGHT h_3	HEIGHT, MAST LOWERED h_1	HEIGHT, MAST EXTENDED h_4	FREE LIFT h_2/h_5
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SIMPLEX – 4,0 - 5,0 t FORKLIFT (Two masts, Free lift)

30 S	3000	2318	3814	60
40 S	4000	2818	4814	60

DUPLEX – 4,0 - 5,0 t FORKLIFT (Two masts, Extended free lift)

30 D	3000	2290	3790	1500
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TRIPLEX – 4,0 - 5,0 t FORKLIFT (Three masts, Extended free lift)

42 T	4200	2140	4950	1400
45 T	4500	2240	5250	1500
48 T	4800	2340	5550	1600
52 T	5200	2490	5970	1740
56 T	5600	2640	6350	1850
64 T	6400	2890	7150	2130

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Comfort



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RECORD