

4.0t/4.5t XF2 Series Mast: (pneumatic)

Type	Model	Max. fork height	Overall height						Free lift		Front Overhang	Tilt Range F/R	Capacity			
			Lowered	Extended		With backrest	With backrest	Without backrest	With backrest	Load capacity at 500mm						
				4.0t/4.5t	Without backrest					With backrest			Single tire	Dual tire		
					4.0t/4.5t					4.0t/4.5t					4.0t/4.5t	4.0t/4.5t
Wide view mast	X2B45M245	2450	1970	3260	3620	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M265	2650	2070	3460	3820	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M300	3000	2245	3810	4170	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M330	3300	2395	4110	4470	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M350	3500	2495	4310	4670	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M360	3600	2545	4410	4770	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M370	3700	2595	4510	4870	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M400	4000	2820	4820	5170	150	150	560	6/12	4000	4500	4000	4500			
	X2B45M430	4300	2970	5120	5470	150	150	560	6/6	4000	4500	4000	4500			
	X2B45M450	4500	3070	5320	5670	150	150	560	6/6	4000	4500	4000	4500			
	X2B45M470	4700	3170	5520	5870	150	150	560	6/6	3850	4500	4000	4500			
	X2B45M480	4800	3295	5695	6050	150	150	560	6/6	3850	4450	3900	4450			
	X2B45M500	5000	3395	5895	6250	150	150	560	6/6	3800	4400	3950	4400			
	X2B45M550	5500	3645	6395	6750	150	150	560	3/6	3300	3750	3500	4200			
	X2B45M600	6000	3895	6895	7250	150	150	560	3/6	2700	3100	3400	3800			
Wide view full free duplex mast	X2B45U245	2450	1975	3260	3620	1165	805	579	6/12	4000	4500	4000	4500			
	X2B45U300	3000	2250	3810	4170	1440	1080	579	6/12	4000	4500	4000	4500			
	X2B45U330	3300	2400	4110	4470	1590	1230	579	6/12	4000	4500	4000	4500			
	X2B45U350	3500	2500	4310	4670	1690	1330	579	6/12	4000	4500	4000	4500			
	X2B45U370	3700	2600	4510	4870	1790	1430	579	6/12	4000	4500	4000	4500			
Wide view full free triplex mast	X2B45N400	4000	2825	4810	5170	2000	1655	579	6/12	4000	4500	4000	4500			
	X2B45N430	4300	2970	5120	5470	2240	1805	573	6/12	4000	4500	4000	4500			
	X2B45N450	4500	3070	5320	5670	2440	1955	573	6/6	4000	4500	4000	4500			
	X2B45N470	4700	3170	5520	5870	2640	2105	573	6/6	3700	4450	4000	4500			
	X2B45N480	4800	3275	5675	6030	2840	2255	573	6/6	3700	4450	3800	4450			
	X2B45N500	5000	3425	5825	6180	3040	2405	573	6/6	3600	4400	3700	4400			
	X2B45N550	5500	3675	6325	6680	3290	2555	573	3/6	3300	3750	3500	4200			
	X2B45N600	6000	3925	6825	7180	3540	2705	573	3/6	2500	3000	3400	3800			
	X2B45N650	6500	4175	7325	7680	3790	2855	573	3/6	1250	1450	2800	3000			
	X2B45N700	7000	4425	7825	8180	4040	3005	573	3/6	750	850	2100	2300			

With sideshifter minus 200Kg, with integral sideshifter minus 100Kg.

Max. fork height 7.5m or 8.0m is option for full free triplex mast.

5.0t/5.5t XF2 Series Mast: (pneumatic)

Type	Model	Max. fork height	Overall height						Free lift				Front Overhang		Tilt Range F/R	Capacity						
			Lowered	Extended		With backrest	With backrest	Without backrest	With backrest	Without backrest	With backrest	Load capacity at 500mm										
				5.0t	5.5t							5.0t	5.5t	5.0t		5.5t	5.0t	5.5t	5.0t	5.5t	Single tire	Dual tire
Wide view mast	X2BX50/X2BXS5M245	2450	1970	2070	3260	3295	3830	3830	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M265	2650	2070	2170	3460	3495	4030	4030	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M300	3000	2245	2345	3810	3845	4380	4380	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M330	3300	2395	2495	4110	4145	4680	4680	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M350	3500	2495	2595	4310	4345	4880	4880	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M360	3600	2545	2645	4410	4445	4980	4980	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M370	3700	2595	2695	4510	4545	5080	5080	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M400	4000	2820	2920	4820	4820	5380	5380	150	160	150	160	560	570	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5M430	4300	2970	3070	5120	5220	5680	5680	150	160	150	160	560	570	6/6	5000	5500	5000	5500			
	X2BXS50/X2BXS5M450	4500	3070	3170	5320	5420	5880	5880	150	160	150	160	560	570	6/6	5000	5500	5000	5500			
	X2BXS50/X2BXS5M470	4700	3170	3270	5520	5620	6080	6080	150	160	150	160	560	570	6/6	4800	5200	5000	5500			
	X2BXS50/X2BXS5M480	4800	3295	3395	5695	5795	6180	6180	150	160	150	160	560	570	6/6	4700	4900	4900	5400			
	X2BXS50/X2BXS5M500	5000	3395	3495	5895	5995	6380	6380	150	160	150	160	560	570	6/6	4500	4800	4800	5300			
	X2BXS50/X2BXS5M550	5500	3645	3745	6395	6495	6880	6880	150	160	150	160	560	570	3/6	4100	4500	4600	4800			
	X2BXS50/X2BXS5M600	6000	3895	3995	6895	6995	7380	7380	150	160	150	160	560	570	3/6	3300	3500	4400	4600			
Wide view full free duplex mast	X2BXS50/X2BXS5U245	2450	1975	2075	3260	3300	3830	3830	1165	1200	595	695	579	584	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5U300	3000	2250	2350	3810	3850	4380	4380	1440	1500	870	970	579	584	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5U330	3300	2400	2500	4110	4150	4680	4680	1590	1650	1020	1120	579	584	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5U350	3500	2500	2600	4310	4350	4880	4880	1890	1750	1120	1220	579	584	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5U370	3700	2600	2700	4510	4550	5080	5080	1790	1850	1220	1320	579	584	6/12	5000	5500	5000	5500			
Wide view full free triplex mast	X2BXS50/X2BXS5N400	4000	2825	2925	4825	4825	5380	5380	2000	2000	1445	1445	579	584	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5N430	4300	2970	3070	5120	5120	5680	5680	2240	2240	1670	1670	573	583	6/12	5000	5500	5000	5500			
	X2BXS50/X2BXS5N450	4500	3070	3170	5320	5320	5880	5880	2440	2440	1820	1820	573	583	6/6	5000	5500	5000	5500			
	X2BXS50/X2BXS5N470	4700	3170	3270	5520	5520	6080	6080	2640	2640	1970	1970	573	583	6/6	4700	5000	5000	5500			
	X2BXS50/X2BXS5N480	4800	3275	3375	5675	5675	6180	6180	2840	2840	2120	2120	573	583	6/6	4600	4800	4900	5200			
	X2BXS50/X2BXS5N500	5000	3425	3525	5825	5825	6380	6380	3040	3040	2270	2270	573	583	6/6	4500	4700	4800	5000			
	X2BXS50/X2BXS5N550	5500	3675	3775	6325	6325	6880	6880	3290	3290	2420	2420	573	583	3/6	3900	4300	4600	4800			
	X2BXS50/X2BXS5N600	6000	3925	4025	6825	6825	7380	7380	3540	3540	2570	2570	573	583	3/6	3200	3500	4400	4600			
	X2BXS50/X2BXS5N650	6500	4175	4275	7325	7325	7880	7880	3790	3790	2720	2720	573	583	3/6	1650	2300	3200	3500			
	X2BXS50/X2BXS5N700	7000	4425	4525	7825	7825	8380	8380	4040	4040	2870	2870	573	583	3/6	1000	1800	2450	2850			

With sideshifter minus 200Kg, with integral sideshifter minus 100Kg.

Max. fork height 7.5m or 8.0m is option for full free triplex mast.



XF2 SERIES

IC COUNTERBALANCED TRUCKS

With capacity of 4,000 to 5,500kg



BULLDOG trucks conform to the European Safety Requirements.

XF2 SERIES

IC COUNTERBALANCED TRUCKS

The XF2 series is an upgraded product independently developed by BULLDOG using advanced technology. Through comprehensive upgrades in appearance design, energy efficiency, safety and stability, reliability and durability, and comfort and convenience, the overall performance of the truck has been significantly improved compared to the original product, making it a forklift truck that meets all your needs.



NEW DESIGN

- The XF2 series adopts a unified product appearance style, innovating within the classics, with smooth, dynamic, and powerful lines that exude a sense of technology.
- The fully enclosed instrument control panel and the flowing LED tail lights are more finely assembled, making the truck simple and aesthetically pleasing.

ENERGY-EFFICIENT AND ENVIRONMENTALLY FRIENDLY

STAGE V
CERTIFIED

ENGINE & TRANSMISSION

Equipped with diesel engines, LPG engines, and dual-fuel engines that meet Euro V and North American certification standards, these engines offer lower emissions and reduced energy consumption, catering to the diverse engine requirements of different customers.

Energy consumption reduced by **8%**

- The Diesel Particulate Filter (DPF) after-treatment system features both on-the-go and stationary regeneration strategies, achieving carbon accumulation balance during standard operating conditions and extending the cleaning cycle.
- Standardized with load-sensitive multi-way valves and a high-pressure hydraulic system, which reduces energy loss and significantly increases lifting speed.

 LIFT SPEED INCREASED BY **16%**

- The entire truck is equipped with an LED lighting system, which saves energy, reduces electricity consumption, and greatly extends the lifespan of the lights.
- Streamer LED taillights are developed and used to make the vehicle more ethereal with a strong high-tech impact.



The truck dimensions and turning radius have been significantly reduced, making the truck more maneuverable and agile in operation.



PROTECT YOUR INVESTMENT

The vehicle's center of gravity is reduced by 5%

The use of a split counterweight design ensures an optimal distribution of load on the axle, with a low center of gravity for enhanced stability.

The front overhang of the triplex mast is reduced by 10%

The adoption of a new slot structure mast significantly reduces the overhang of the triplex mast, greatly increasing the residual capacity and improving the load capability.



The truck comes standard with OPS system, and an optional adjustable speed limit function is available to enhance operational safety.



COMFORT AND CONVENIENCE

- Optimized ergonomic design, enlarged cab space, an optional new-generation fingertip operating system.
- The standard low-angle throttle pedal reduces driver fatigue.
- The application of large-area sound-absorbing materials and low-noise gear pumps, among other noise reduction measures, ensures low noise levels around the driver's ears.



A color interactive LED instrument panel is used, which can display the truck's status, set parameters, switch languages, etc., facilitating human-machine information interaction.

An intelligent controller can realize the functions of OPS system, and flameout for idle speed time out, and can have other optional functions of speed control, speed limiting for faults, lifting at a high idle speed, automatic fork leveling, etc.

ALL-ROUND VISIBILITY

The ultra-wide view mast and the rear-tilted counterweight design provide an expanded field of vision to the front and rear of the truck, especially a significant enhancement in the view to the front of the triplex mast.

Optimized design provides outstanding visibility in all directions.



Triple Mast's field of view increased by **60%**

Rear maneuvering vision increased by **15%**



RELIABLE AND DURABLE

- Parking brake: A central brake requiring less operating force.
- The use of high-strength maintenance-free wet brake drive axle significantly improves the reliability of the braking system and extends its service life.
- Key components use waterproof connectors, elevating the protection level of the electrical system.
- All joints are 24° conic joints and each high-pressure pipe joint has a pressure measuring port that enables better sealing and offers better maintainability.
- Both the drive axle and the gearbox are expected to have a service life of far longer than 10 years, and the wet brake 10 years. Enhanced four-piece rims are used.

Equipped with an oversized radiator, the frontal area for both water and oil cooling is greatly increased, significantly reducing the water and oil temperatures, making the truck more durable.



Radiator frontal area increased by **28%**

The adoption of an open-casting flexible steering axle with strengthened axle body and high-position design enhances the reliability of the steering axle.



The steering axle is installed with rubber pad, which effectively improve the operation comfort and reliability.



Cast steering axle

Breaking through the limitation of the traditional steering axle structure, the newly developed cast open steering axle has the maximum internal turning angle increased from 79° to 82°, it can help customers work in narrow space.

The use of floating OHG and floating transmission, the dual-suspension vibration reduction system results in minimal truck vibration.

The OHG is designed with pre-set installation holes, allowing customers to easily convert the truck into a cab by adding doors and windows, making it more user-friendly.



EASY MAINTENANCE

- The increased opening angle of the hood provides a larger serviceable space.
- The counterweight features a large opening design, allowing for the removal of the after-treatment system without disassembling the counterweight, making maintenance more convenient.



Maintenance space
increased by **10%**



Features

Truck	Standard	Options
Plate-fin heat dissipater	●	
Mechanical handbrake	●	
Dynamic load sending control valve	●	
Double-Layer Soundproof Hood Padding	●	
Tilt Cylinder Boot	●	
Reinforced wheel rim	●	
Cab		○
Heater		○
Front windshield and wiper		○
Solid tire		○
Dual air filter		○
Fan		○
Fully-suspended seat		○
Customer paint		○
Toolbox		○
Fire extinguisher (1kg)		○
Transmission		
Fully-suspended gearbox	●	
Dual front wheel		○
Steering		
Wet braking drive axle	●	
Open cast steering axle	●	
Fully hydraulic power steering gear	●	
Steering wheel adjusting device	●	
Power		
High-efficiency air filter	●	
High-efficiency air intake silencer	●	
High-position exhauster	●	
Fan protection device	●	
Body		
Traction pin	●	
Counterweight net	●	
Lockable hood	●	
Dissipater grille cover		○
Rotating handle of water tank lid		○
Fuel tank cap with lock		○
Additional L/R rearview mirrors		○
Hydraulic		
Electro-hydraulic steering	●	
Low-noise gear pump	●	
Hydraulic oil recycling filter	●	
5th valve		○

Features

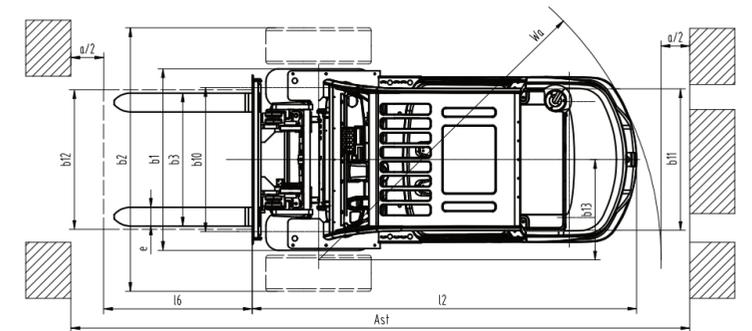
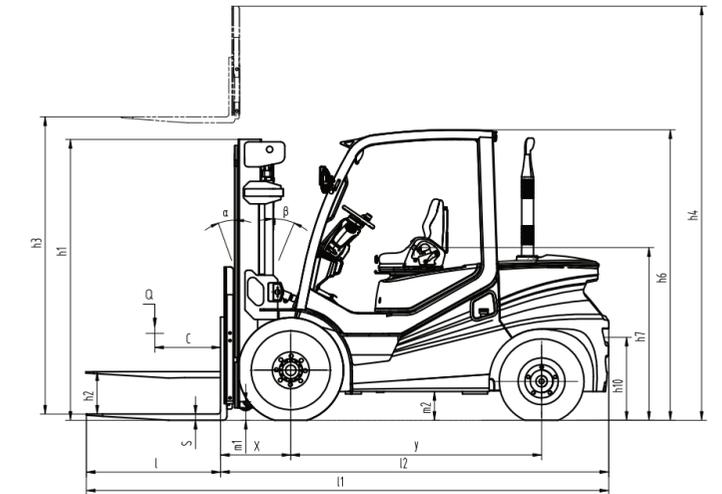
Control	Standard	Options
Fingertip system		○
Pedal parking brake		○
Overhead Guard		
Fully-suspended overhead guard	●	
Right rear armrest with horn button	●	
PVC shed	●	
Perforated overhead guard		○
Electrical		
Multifunctional interactive instruments	●	
Combination LED lighting system	●	
Integrated combination switch	●	
Main power switch	●	
LED rear working light		○
OPS system	●	
Multi-segment adjustable speed limit		○
Blue light		○
Audible and visual alarm		○
Mast		
Full free duplex mast	●	
Different length of fork	●	
Triplex mast	●	
Wider fork carriage	●	
Heightened load backrest	●	
Duplex mast	●	
Attachments		
Paper roll clamp		○
Rotatable roll clamp		○
Load stabilizer		○
Multi-purpose barrel clamp		○
Weighing system		○
Sideshifter		○
Rotating fork		○
Fork sleeve		○
Crane arm		○
Special fork		○
Soft package clamp		○
Oil barrel clamp		○
Tipping clamp		○
Hook		○
Carton clamp		○
Push-pull device		○
Bucket		○
String Pole		○

Technical Data

Distinguishing mark	BULLDOG GROUP CO.,LTD.					
		CPCD40-X2W99BN	CPCD45-X2W99BN	CPCD50-X2W99BN	CPCD55-X2W99BN	
1.1	Manufacturer[abbreviation]					
1.2	Manufacturer's type designation					
1.3	Drive: electric [battery type, mains, ...], diesel, petrol, fuel gas	Diesel	Diesel	Diesel	Diesel	
1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	Seated	Seated	Seated	
1.5	Rated capacity / rated load	Q [kg]	4000	4500	5000	5500
1.6	Load centre distance	c [mm]	500	500	500	500
1.8	Load distance, centre of drive axle to fork	x [mm]	560	560	560	570
1.9	Wheelbase	y [mm]	2000	2000	2100	2100
2.1	Service weight	kg	6400	6600	6900	7300
2.2	Axle loading, laden front/rear	kg	8980/1420	9725/1375	10430/1470	11300/1500
2.3	Axle loading, unladen front/rear	kg	2850/3550	2850/3750	2900/4000	3000/4300
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Pneumatic	Pneumatic	Pneumatic	Pneumatic
3.2	Tyre size, front		8.25-15-14PR	300-15-18PR	300-15-18PR	300-15-18PR
3.3	Tyre size, rear		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-14PR
3.5	Wheels, number front/rear [-driven wheels]		2	2	2	2
3.6	Tread, front	b10 [mm]	1180	1150	1150	1150
3.7	Tread, rear	b11 [mm]	1130	1130	1130	1130
4.1	Tilt of mast/fork carriage forward/backward	a/b [°]	6/12	6/12	6/12	6/12
4.2	Height, mast lowered	h1 [mm]	2245	2245	2245	2345
4.3	Free lift	h2 [mm]	150	150	150	160
4.4	Lift	h3 [mm]	3000	3000	3000	3000
4.5	Height, mast extended	h4 [mm]	4170	4170	4380	4380
4.7	Height of overhead guard	h6 [mm]	2320	2320	2320	2320
4.8	Seat height relating to SIP/stand height	h7 [mm]	1380	1380	1380	1380
4.12	Coupling height	h10 [mm]	675	675	675	675
4.19	Overall length	l1 [mm]	4130	4160	4250	4320
4.20	Length to face of forks	l2 [mm]	3060	3090	3180	3250
4.21	Overall width	b1/b2 [mm]	1420/1940	1450/1940	1450/1940	1450/1940
4.22	Fork dimensions DIN ISO 2331	s / e / l [mm]	50/150/1070	50/150/1070	50/150/1070	60/150/1070
4.23	Fork carriage ISO 2328, class/type A,B		III A	III A	IV A	IV A
4.24	Fork-carriage width	b3 [mm]	1250	1250	1250	1250
4.31	Ground clearance, laden, below mast	m1 [mm]	145	145	145	145
4.32	Ground clearance, centre of wheelbase	m2 [mm]	230	230	230	230
4.34.1	Aisle width for pallets 1000 - 1200 crossways	Ast [mm]	4390	4420	4510	4580
4.34.2	Aisle width for pallets 800 - 1200 lengthways	Ast [mm]	4590	4620	4710	4780
4.35	Turning radius	Wa [mm]	2630	2660	2750	2810
4.36	Internal turning radius	b13 [mm]	692	692	749	749
5.1	Travel speed, laden/unladen	km/h	23.5/24	23.5/24	23.5/24	23.5/24
5.2	Lift speed, laden/unladen	m/s	0.58/0.61	0.58/0.61	0.50/0.52	0.50/0.52
5.3	Lowering speed, laden/unladen	m/s	0.45/0.5	0.45/0.5	0.45/0.5	0.45/0.5
5.6	Max. drawbar pull, laden/unladen	N	38500/21000	38500/21000	38500/21000	38500/21000
5.8	Max. gradeability, laden/unladen	%	30/23	28/23	26/20	25/20
5.10	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Parking brake		Mechanical	Mechanical	Mechanical	Mechanical
7.1	Engine manufacturer / type	KUBOTA/V3307-CR-TIE5B				
	Emission standard	EU StageV/EPA Tier 4F				
7.2	Engine power according to ISO 1585	kW	54.6	54.6	54.6	54.6
7.3	Rated speed	min ⁻¹	2200	2200	2200	2200
7.4	Number of cylinders/displacement	[·]/[cm ³]	4/3331	4/3331	4/3331	4/3331
7.10	Battery voltage/nominal capacity	[V]/[Ah]	12/105	12/105	12/105	12/105
	Rated torque	[N·m]/[r/min]	330/1400	330/1400	330/1400	330/1400
8.1	Type of drive unit		Powershift	Powershift	Powershift	Powershift
	Speeds FWD/RVS		1/1	1/1	1/1	1/1
10.1	Operating pressure for attachments	MPa	16	16	16	16
10.2	Oil volume for attachments	ℓ/min	40	40	40	40
10.4	Fuel tank capacity	ℓ	90	90	100	100

Optional Engine

Combustion engine	Manufacturer's type designation	H8	H12	H20	W24	W58	
	Drive	Diesel	GAS/LPG	LPG	LPG	Diesel	
7.1	Engine manufacturer / type	XINCHAI/4E30V652	KUBOTA/WG3800-GL-E3C	PSI 4.3	PSI 4.3	CUMMINS OSF2.8	
	Emission standard	EU StageV	EU StageV/EPA Tier 2/CARB Tier 3	EU StageV	EPA Tier 2/CARB Tier 3	EU StageIII/Tier 4F	
	Rated capacity / rated load	Q [kg]	4000-5500	4000-5500	4000-5500	4000-5500	
7.2	Engine power according to ISO 1585	kW	55.8	65.4/4/LP-54.6	79.75	77	55
7.3	Rated speed	min ⁻¹	2200	2300	2300	2300	2200
7.4	Number of cylinders/displacement	[·]/[cm ³]	4/2970	4/3769	6/4294	6/4294	4/2800
	Rated torque	[N·m]/[r/min]	320/1200-1600	6-248.5/1400/LP-273.1/1200	332.5/2000	332.85/1400	298/1600
8.1	Type of drive unit		Powershift	Powershift	Powershift	Powershift	
	Speeds FWD/RVS		1/1	1/1	1/1	1/1	
	F[CHINA]	F	✓	✗	✗	✗	
	OKAMURA[JAPAN]	B	✓	✓	✓	✓	



AST=L6+x+Wa+a L6: load length a:200 mm safety clearance

