



北奔重卡
BEIBEN TRUCK



BEIBEN TRUCK



FIRMACO

INNER MONGOLIA FIRST MACHINERY GROUP

Credibility Safe High-efficiency Durable High-loading

BEIBEN TRUCK



Cabin production line



Final assembly line



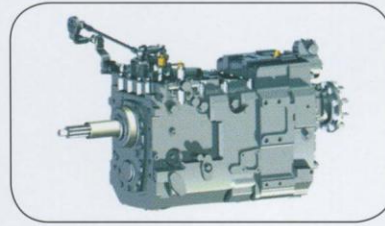
Transmission production line

Axle production line

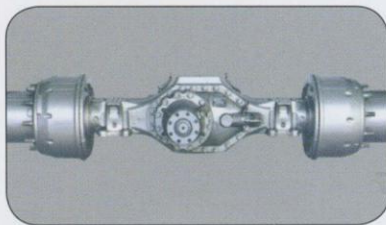




Cab: All steel structure



Transmission Features introduced
We have two types:
Fuller technology and ZF technology, torque range is extensive.



Unique axle reduction hub, climbing ability and pass through ability is outstanding.



Engine Features introduced
Matured EuroII engine, high power with low consumption, engine with engine braking system(WEVB)



Better instrument board



Inner decoration:
Humanity design, has high driving comfortable



High-quality suspension, prove the stability of vehicle and using life.



Frame: BeiBen unique frame, using the special material, punching in one time, high-loading ability

Credibility Safe High-efficiency Durable High-loading

BEIBEN TRUCK



Credibility Safe High-efficiency Durable High-loading

BEIBEN TRUCK



Credibility Safe High-efficiency Durable High-loading

BEIBEN TRUCK





北奔重卡
BEIBEN TRUCK

**BEI BEN POWER
HEAVY-DUTY LOADING
4x2 TRACTOR HEAD
EUROII EMISSION**



4x2 TRACTOR

Type		1829S/4x2	1832S/4x2	1838S/4x2	1842S/4x2
Wheel base		3800			
Front/Rear Overhang		1410/1085			
Gross towing trailer weight(kg)		29900	34800	35450	48000
Complete vehicle kerb(kg)		6970	7320	7400	7450
Approach/departure angle		26/35			
Engine	Type	WD615.50	WD615.44	WD615.46	WD12.420
	6cylinder in line;4strokes,turbocharged cool, water cooling				
	Rated power(kw/rpm)	206(290)/2200	235(320)/2200	266(360)/2200	309(420)/2200
	Max torque(Nm/rpm)	1160/1100-1600	1250/1100-1600	1460/1100-1600	1750/1200-1600
Emission standard		Euro II			
Fifth-wheel	Type	50 single direction(Optional: 90 single direction)			
	height of seat of fifth wheel(mm)	1410			
	front fitting radius(mm)	2200			
	rear tractor clearance radius(mm)	1700			
Clutch		GFX420			Valeo430
Gearbox		9JS119	9JS135	12JS160TA	12JS200TA
Steering		TAS85(Optional is ZF 8098)			
Frame of vehicle		Fish belly shape,variable width,variable section side beam structure			
Front Axle		VL4/15D-7.5,Double-shoe pneumatic brake, non-driving steering axle			
Middle Axle		HL7/016DGS-13,Double-shoe pneumatic brake, ductile casting casing, with hub redactor, double reduction driving axle			
Rear Axle		HL7/015DS-13,Double-shoe pneumatic brake, ductile casting casing, with hub redactor, double reduction driving axle			
Cab		Long cab with single sleepers, Full steel skeleton structure, covered with double laves steel plate; Can be tipped forwardly			
Tire		12.00-20(Optional 12.00R20, 12.00R22.5, 12.00-24, 12.00R24)			



北奔重卡
BEIBEN TRUCK

BEI BEN POWER
HEAVY-DUTY LOADING
6x4 TRACTOR HEAD
EUROII EMISSION



8x4 DUMP TRUCK

Type		3128K/8x4	3132K/8x4	3134K/8x4	3136K/8x4	3138K/8x4	3142K/8x4	
Wheel base		1500+3550+1450;1500+4750+1450;1500+5050+1450						
Complete Vehicle kerb(kg)		14500	15300	15000	15400	15400	15400	
Engine	Type	WD615.50	WD615.44	WD615.34	WD615.46	WD12.375	WD12.420	
		6cylinder in line;4strokes,turbocharged cool, water cooling						
	Rated power(kw/rpm)	206(280)/2200	235(320)/2200	250(340)/2200	266(360)/2200	276(380)/2200	309(420)/2200	
	Max torque(Nm/rpm)	1160	1250	1350	1460	1460	1750	
Emission standard		Euro II						
Clutch		GFX420					Valeo 430	
Gearbox		9JS150A		12JS160T		12JS200T		
Steering		TAS85(optional is ZF8098)						
Fuel tank capacity(L)		400						
Frame of vehicle		Fish belly shape,variable width,variable section side beam structure						
Double Front Axle		VL4/15D-7.5,Double-shoe pneumatic brake, non-driving steering axle						
Middle Axle		HL7/016DGS-13,Double-shoe pneumatic brake, ductile casting casing, with hub redactor, double reduction driving axle						
Rear Axle		HL7/015DS-13,Double-shoe pneumatic brake, ductile casting casing, with hub redactor, double reduction driving axle						
Cab		Long cab with single sleepers, Full steel skeleton structure, covered with double layes steel plate; Can be tipped forwardly						
Tire		12.00-20(Optional 12.00R20, 12.00R22.5, 12.00-24, 12.00R24)						



北奔重卡
BEIBEN TRUCK

**BEI BEN POWER
HEAVY-DUTY LOADING
6x4 CONCRETE MIXER
EUROII EMISSION**



6×4 CONCRETE MIXER

Type		2632B/6×4	2634B/6×4	2638B/6×4
Wheel base		3800+1450		
Complete vehicle kerb(kg)		12870	12870	12870
Engine	Type	WD615. 44	WD615. 34	WD12. 375
	6cylinder in line;4 strokes,turbocharged cool,watet cooling			
	Rated power(kw/rpm)	235(320)/2200	250(340)/2200	280(380)/2200
	Max torque(Nm/rpm)	1250/1100-1600	1350/1100-1600	1460/1200-1600
	Emission standard	Euro II		
Clutch		GFX420		
Gearbox		RT11509C		
Steering		TAS85 (optional ZF8098)		
Fuel tank capacity(L)		400		
Frame of vehicle		Fish belly shape,variable width,variable section side beam structure		
Mixer tank geometrical capacity(m3)		9		
Front Axle		VL4/15D-7.5,Double-shoe pneumatic brake, non-driving steering axle		
Middle Axle		HD7/016DGS-13,Double-shoe pneumatic brake, ductile casting casing,With hub redactor, double reduction driving axle		
Rear Axle		HD7/015DGS-13,Double-shoe pneumatic brake, ductile casting casing,With hub redactor, double reduction driving axle		
Cab		Long cab with single sleeper, Full steel skeleton structure,Covered with double layer steel plate; Can be tipped forwardly		
Tire		12. 00-20(Optional);12. 00R20, 12. 00R22. 5, 12. 00-24, 12. 00R24)		



4×2 TRACTOR

BEIBEN New Power/fuel Conserving Heavy-Duty Trucks

4×2 Tractor in Accordance with Euro III Standard for Emission

Type		ND4185A38J	ND4182A35J				ND4181A35J		
Sales code		1840S	1829S	1827S	1829S	1833S	1834S	1835S	1838S
External outline dimensions (mm) Long x width x high (no-load)		6295×2495×3340	5995×2495×3340	5995×2495×3340	5995×2495×3340	5995×2495×3340	5995×2495×3340	5995×2495×3340	5995×2495×3340
Track front /Track rear (mm)		1995/1800							
approach angle /departure angle (°)		26/35	26/30	26/30	26/30	26/35	26/35	26/35	26/35
Front/Rear Overhang (mm)		1410/1085	1410/1085	1410/1085	1410/1085	1410/1085	1410/1085	1410/1085	1410/1085
Minimum ground clearance (mm)		339							
Minimum turning diameter (m)		18	17	17	17	17	17	17	17
Wheel base (mm)		3800	3500	3500	3500	3500	3500	3500	3500
Maximum speed (km/h)		100	90	90	90	90	90	90	90
Maximum grade ability (%)		30							
Total mass (kg)		18000							
Complete vehicle kerb (kg)		7800	7320	7320	7320	7200	7020	7200	7020
Gross towing trailer weight (kg)		35070	34750	34750	34750	35600	35800	35600	35800
Engine	Type	WP12.400	WP10.290	WP10.270	CA6DL1-29E3	P11C-UH	WP10.336	P11C-UU	WP10.375
	Rated power (kw/rpm)	294/2100	213/2200	199/2200	213/2300	240/2100	247/2200	259/2100	276/2200
	Max torque (Nm/rpm)	1780/1200-1500	1160/1200-1600	1100/1200-1600	1150/1300-1700	1420/1100	1250/1200-1600	1460/1100	1460/1200-1600
	Emission standard (L)	11.6	9.726	9.726	7.7	10.52	9.726	10.52	9.726
Fuel tank capacity (L)		400							
Clutch	Type	Monolithic, the dry							
Gearbox	Type	Mechanical type							
Brake system	Service brake	Dual-circuits air brake							
	Auxiliary brake	Exhaust braking							
	Parking brake	Hand manipulation, role in rear axle							
Steering gear	Type	Circulation ball power steering							
Frame of vehicle	Type	Fish belly shape, variable width, variable section side beam structure							
Front Axle		VL4/15D-7.5							
Rear Axle		HL7/015DS-13							
Front suspension		Pot plate spring							
Rear suspension		Pot plate spring							
Tire		12.00-20/R20, 11.00-20/R20							
Cab		Long cab with single sleepers, Can be tipped forwardly							
Applicable mining and use		Highway transportation, logistics and transport							



6×2 and 6×4 TRACTOR

**BEIBEN New Power/fuel Conserv-
ing Heavy-Duty Trucks**
 6×2 and 6×4 Tractor in Accordance with
 Euro III Standard for Emission

Type		ND4242L25J/6×2		ND4252C33J/6×2		ND4253B34J/6×4		ND4255B34J/6×4		ND4254B34J/6×4			
Sales code		2427S	2429S	2529S	2527S	2548S	2540S	2529S	2532S	2533S	2534S	2535S	2538S
Overall dimensions(mm) Long x width x high (no-load)		6495×2495×3110	6495×2495×3110	7195×2495×3130	7195×2495×3130	7135×2495×3340	7135×2495×3340	7135×2495×3260	7135×2495×3260	7135×2495×3340	7135×2495×3340	7135×2495×3340	7135×2495×3340
Track front /Track rear(mm)		2045/1800	2045/1800	1995/1995,1800	1995/1995,1800	1995/1800	1995/1800	1995/1800	1995/1800	1995/1800	1995/1800	1995/1800	1995/1800
Approach angle /departure angle(°)		26/35	26/35	26/64	26/64	26/64	26/64	26/64	26/64	26/64	26/64	26/64	26/64
Front/Rear Overhang(mm)		1410/1085	1410/1085	1410/1085	1410/1085	1410/825	1410/825	1410/825	1410/825	1410/825	1410/825	1410/825	1410/825
Minimum ground clearance(mm)		339											
Minimum turning diameter (m)		18.6	18.6	18	18	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
Wheel base(mm)		1500+2500	1500+2500	3350+1350	3350+1350	3450+1450	3450+1450	3450+1450	3450+1450	3450+1450	3450+1450	3450+1450	3450+1450
Maximum speed(km/h)		85	85	90	90	90	90	90	90	90	90	90	90
Maximum grade ability(%)		30											
Total mass(kg)		24000	24000	25000	25000	25000	25000	25000	25000	25000	25000	25000	25000
Complete vehicle kerb(kg)		8000	8000	8500	8500	9200	9200	9220	9220	9400	9220	9400	9220
Gross towing trailer weight(kg)		31200	34000	33770	30770	39670	39670	33250	33670	37400	35100	39400	39600
Engine	Type	WP10.270	WP10.290	WP10.290	WP10.270	WP12.480	WP12.400	CA6DL1-29E3	CA6DL1-29E3	P11C-UH	WP10.336	P11C-UU	WP10.375
	Rated power(kw/rpm)	199/2200	213/2200	213/2200	199/2200	353/2100	294/2100	213/2300	239/2300	240/2100	247/2200	259/2100	276/2200
	Torque(Nm/rpm)	1100/1200-1600	1160/1200-1600	1160/1200-1600	1100/1200-1600	1970/1200-1500	1780/1200-1500	1150/1300-1700	1250/1300-1500	1420/1100	1250/1200-1600	1460/1100	1460/1200-1600
	Emission standard(L)	9.726	9.726	9.726	9.726	11.6	11.6	7.7	7.7	10.52	9.726	10.52	9.726
Fuel tank capacity(L)		300	300	400	400	400	400	400	400	400	400	400	400
Clutch	Type	Monolithic, the dry											
Gearbx	Type	Mechanical type											
Brake system	Service brake	Dual-circuits air brake											
	Auxiliary brake	exhaust braking											
	Parking brake	Hand manipulation, role in rear axle											
Steering gear	Type	Circulation ball power steering											
Chassis	Type	Fish belly shape, variable width, variable section side beam structure											
Front Axle		VL4/10D-6.5						VL4/15D-7.5					
Middle Axle		HD7/016DGS-13											
Rear Axle		HD7/015DS-13											
Front suspension		Double steering front axle, leaf spring											
Rear suspension		leaf spring	The air suspension hold, leaf spring					Stabilizatorsuspension					
Tire		12.00-20/R20,11.00-20/R20											
Cab		Long cab with single sleepers, Can be tipped forwardly											
Applicable mining and use		Highway transportation, logistics and transport											

6x4 DUMP TRUCK

BEIBEN New Power/fuel Conserv-
 ing Heavy-Duty Trucks
 6x4 DUMP TRACT in Accordance with
 Euro III Standard



Type	ND3253B38	ND3250B34			ND3252B38			ND3254B38				ND3251B34					
Sales code	2529K	2528K	2527K	2529K	2528K	2529K	2527K	2529K	2533K	2534K	2535K	2538K	2532K	2533K	2534K	2535K	2538K
Overall dimensions(mm).Long×width×high (no-load)	8347×2500×3384(3364)	7826(8000)×2500×3255(3235)			8530(8290)×2500×3290(3270, 3310, 3290)			8347(8290, 8530)×2500×3310				7828×2500×3310					
Track front /Track rear(mm)	1995/1800																
Approach angle /departure angle(°)	26°/30°	26°/43°			26°/30°			26°/32°									
Front/Rear Overhang(mm)	1410/1687	1410/1516, 1410/1690			1410/1870, 1410/1630			1410/1687, 1410/1630, 1410/1870				1410/1518					
Minimum ground clearance(mm)	339																
Minimum turning diameter (m)	18.2																
Wheel base(mm)	3800+1450	3450+1450			3800+1450			3800+1450				3450+1450					
Maximum speed(km/h)	75																
Maximum grade ability(%)	30																
Total mass(t)	25000																
Complete vehicle herb(kg)	12400	12000,12050,12100,12150,12200			12120,12190,12260,12330,12400			12200				12090,12170,11970					
Carriers quality (mm×mm×mm)	5600×2300×1150	5200×2300×1500			5800×2300×1500			5800×2300×1100				5200×2300×1200					
Engine	Type	WP10.270	WP10.270	CA6DL1-29E3	WP10.290	WP10.290	WP10.270	P11C-UH	WP10.336	P11C-UU	WP10.375	CA6DL1-32E3	P11C-UH	WP10.336	P11C-UJ	WP10.375	
	(Kw/rpm)Rated power(Kw/rpm)	199	199	213	213	213	199	240	247	259	276	239	240	247	259	276	
	(Nm/rpm)Max torque (Nm/rpm)	1160/1200-1600	1100/1200-1600	1150/1300-1700	1160/1200-1600	1160/1200-1600	1100/1200-1600	1420/1100	1250/1200-1600	1460/1100	1460/1200-1600	1250/1300-1500	1420/1100	1250/1200-1600	1460/1100	1460/1200-1600	
	Emission standard(L)	9726	9726	7700	9726	9726	9726	10520	9726	10520	9726		10520	9726	10520	9726	
	Bore×stroke(mm)	126×130	126×130		126×130	126×130		122×150	126×130	122×150	126×130		122×150	126×130	122×150	126×130	
	Minimum specific fuel consumption (g.kw/h)	195	195	210	196	195		200	195	200	195	195	200	195	200	195	
Fuel tank capacity(L)	400																
Clutch	Type	Monolithic, the dry															
Gearbox	Type	Mechanical type															
Brake system	Service brake	drum-type															
	Auxiliary Brake	Exhaust braking															
	Parking brake	Spring storage															
Steering gear	Type	Circulation ball power steering															
Frame of vehicle	Type	Fish belly shape, variable width, variable section side beam structure															
Front Axle	VL4/15D-7.5 integral type																
Rear Axle	HL7/015DS-13/5.921 integral type																
Front suspension	Leaf spring, telescopic shock absorber stabilizer bar																
Rear suspension	Leaf spring, equalizing type of suspension																
Tire	12.00-20 12.00R20 11.00-20 11.00R20																
Cab	Short cab																
Applicable mining and use	Mud grey, coal, dredging, sand stone, ore transport																
Options	Environmental protection cover																



8×4 DUMP TRUCK

BEIBEN New Power/fuel Conserving Heavy-Duty Trucks
 8×4 DUMP TRACT in Accordance with
 Euro III Standards for Emission

Type	ND3311D29	ND3311D35	ND3311D41J		ND3315D35J		
Sales code	3133K	3133K	3129K	3134K	3129K	3134K	
Overall dimensions(mm) Long x width× high (no-load)	9160×2500×3484(3464)	9730×2500×3484(3464)	10336×2500×3480	10336×2500×3480	9630×2500×3484	9630×2500×3484	
Track front /Track rear(mm)	1995/1800						
Approach angle /departure angle(°)	33/32	33/15	33/27	33/27	33/25	33/25	
Minimum ground clearance(mm)	1410/1850	1410/1850	1410/1826	1410/1826	1410/1720	1410/1720	
Minimum ground clearance(mm)	339						
Minimum turning diameter (m)	≤22	≤23	≤24	≤24	≤23	≤23	
Wheel base(mm)	1500+2950+1450	1500+3550+1450	1500+4150+1450	1500+4150+1450	1500+3550+1450	1500+3550+1450	
Maximum speed(km/h)	85						
Maximum grade ability(%)	≥30						
Total mass(kg)	31000						
Complete vehicle kerb (kg)	15300	15300	14980	14980	14000	14000	
Container size(mm)	6400×2300×1250	7000×2300×1100	7500×2300×1100		6800×2300×1300		
Engine	Type	P11C-UH	P11C-UH	WP10.290	WP10.336	WP10.290	WP10.336
	Rated power(kw /rpm)	240/2100	240/2100	213/2200	247/2200	213/2200	247/2200
	Max torque(Nm/rpm)	1420/1100±5%	1420/1100±5%	1160/1200-1600	1250/1200-1600	1160/1200-1600	1250/1200-1600
	Emission standard(L)	10.52	10.52	9.726	9.726	9.726	9.726
Fuel tank capacity(L)	300						
Clutch	Type	Monolithic, the dry					
Gearbox	Type	Mechanical type					
Brake system	Service brake	drum-type					
	Auxiliary brake	exhaust braking					
	Parking brake	Spring storage					
Steering gear	Type	Circulation ball power steering					
	Type	Fish belly shape, variable width, variable section side beam structure					
Double front axle	VL4/15D-7.5						
Rear Axle	HL7/015DS-13						
Front suspension	Double steering front axle leaf spring, telescopic shock absorber stabilizer bar						
Rear suspension	Leaf spring, equalizing type of suspension						
Tire	11.00-20, 12.00-20, 11.00R20, 12.00R20						
Cab	Short cab			Long cab with single sleepers,			
Applicable mining and use	Mud grey, coal, dredging, sand stone, ore transport						

CONCRETE MIXER TRUCK

BEIBEN New Power/fuel Conserving Heavy-Duty Trucks
 Concrete Mixer Truck in Accordance with
 Euro III Standard for Emission



Type		ND5312GJBZ	ND5256GJBZ		ND5258GJBZ		ND5257GJBZ		
Sales code		3138B	2538B	2534B	2538B	2535B	2538B	2534B	2533B
Overall dimensions(mm) Long x width x high (no-load)		9500×2500×3960(3940)	9400×2500×3900(3880)		8840×2500×3630		9930×2500×3630		
Track front /Track rear(mm)		1995/1800							
Approach angle /departure angle(°)		26/20	26/22		26/15		26/20		
Front/Rear Overhang(mm)		1410/2190	1410/2440		1410/2530		1410/2640		
Minimum ground clearance(mm)		339							
Minimum turning diameter (m)		21	21		18.2		18.2		
Wheel base(mm)		1500+2950+1450	4100+1450		3450+1450		3800+1450		
Maximum speed(km/h)		85							
Maximum grade ability(%)		30							
Total mass(kg)		31000	25000		25000		25000		
Complete vehicle kerb(kg)		14070	12870		12240		12000		
Mixing volume(m ³)		7	5		5		5		
Engine	Type	WP10.375	WP10.336	WP10.375	WP10.375	P11C-UU	WP10.375	WP10.336	P11C-UH
	(Kw/rpm)Rated power(kw/rpm)	276/2200(Rated)	247/2200(Rated)	276/2200(Rated)	276/2200(Rated)	259/2100	276/2200(Rated)	276/2200(Rated)	240/2100
	(Nm/rpm)Max torque(Nm/rpm)	1460/1200-1600	1250/1200-1600	1460/1200-1600	1460/1200-1600	1460/1100	1460/1200-1600	1460/1200-1600	1420/1100
	Emission standard(L)	9726	9726		9726	1052	9726	9726	1052
	Bore×stroke(mm)	126×130	126×130		126×130	122×150	126×130	126×130	122×150
	Minimum specific fuel consumption(g.kw/h)	195	195		195	200	195	195	200
Fuel tank capacity(L)		400							
Clutch	Type	Monolithic, the dry							
Gearbox	Type	Mechanical type							
Brake system	Service brake	drum-type							
	Auxiliary brake	Exhaust braking							
	Parking brake	Spring storage							
Steering gear	Type	Circulation ball power steering							
Frame	Type	Fish belly shape, variable width, variable section side beam structure							
Front Axle		VL4/15D-7.5integral type							
Rear Axle		HL7/015DS-13/5.921 integral type							
Front suspension		Double steering front axle Leaf spring, telescopic shock absorber				Leaf spring, telescopic shock absorber stabilizer bar			
Rear suspension		Leaf spring, equalizing type of suspension							
Tire		12.00-20, 12.00R20/11.00-20, 11.00R20							
Cab		Long cab with single sleepers, Can be tipped forwardly							
Applicable mining and use		Construction, engineering construction							