



ZL20EFB

- ◆ Adopting Cummins 4102/4107 supercharged intercooled, high-pressure common rail diesel engine, strong power, good emissions;
- ◆ Equipped with the company's self-developed explosion-proof diesel engine protection system, all-round accurate monitoring of the engine indicators, good stability;
- ◆ The travelling and parking brake systems are hydraulic wet brake systems, safe and reliable.

ZL30EFB

- ◆ Adopting Dongfanghong 6105/Cummins 6102 supercharged intercooled, high-pressure common rail diesel engine, with strong power and good emission;
- ◆ Equipped with explosion-proof diesel engine protection system, all-round accurate monitoring of engine indicators, good stability;
- ◆ The travelling and parking brake system are hydraulic wet brake system, safe and reliable.



Summary of loader model parameters

Vehicle Technical Parameters	Low Profile ZL30EFB Loader	ZL30EFB Loader	ZL20EFB(D) high unloading height loader	ZL20EFB Loader
Dimensions (LxWxH) (mm)	(7170±210)X(2350±60)X(2530±75)	(7000±210)X(2510±70)X(2700±80)	(6315±180)X(1960±50)X(2190±50)	(6030±180)X(2000±60)X(2170±65)
Engine Model	KC6102DZLQFB	YT06105DZLQFB	KC4107DZLQFB(A)	KC4107DZLQFB(A)
Rating power(KW)	120	100	80	80
Maximum output torque (N·m)	700	542	380	380
Torque converter	Hydro-mechanical	Hydro-mechanical	Hydro-mechanical	Hydro-mechanical
Gearbox	/	/	3 forward gears, 3 reverse gears	/
Brake Service brakes	Four-wheel braking, Hydraulic brake, Wet brake	Four-wheel braking, Hydraulic brake, Wet brake	Four-wheel braking, Hydraulic brake, Wet brake	Four-wheel braking, Hydraulic brake, Wet brake
Parking brake	Fail-safe wet brake	Fail-safe wet brake	Fail-safe wet brake	Fail-safe wet brake
Emergency braking	Fail-safe wet brake	Fail-safe wet brake	Fail-safe wet brake	Fail-safe wet brake
Drive form	4X4	4X4	4X4	4X4
Unloading method	Front/side discharge	Front/side discharge	Side discharge	Front/side discharge
Rated load weight(Kg)	3000	3000	2000	2000
Wheelbase(mm)	2720	2850	2260 ± 65	2260
Wheelbase specifications	17.5-25	17.5-25	16/70-20	16/70-20
Maximum unloading height(mm)	2700(unloading)	3000(unloading)	3050(side discharge)	1870(unloading)
Maximum gradeability(%)	> 25(14°)	> 25(14°)	> 25(14°)	> 25(14°)
Braking distance on flat road (Dry hard cement floor)	< 8m(At an initial speed of 20 km/h)			
Emission standards	CO < 5.0g/kWh, HC+NOx < 4.0g/kWh, PM < 0.30g/kWh; Meet the GB20891-2014 non-road Stage III emission requirements			
Security protection system	The vehicle is equipped with a gas sensing alarm device; Alarm and shutdown for exhaust air temperature above 68° C; Cooling water temperature above 98° C alarm and shutdown; Alarm and shutdown when the water level in the wash tank falls below the set level; Engine surface temperature above 150° C alarm and shutdown; oil pressure below 69KPa alarm and shutdown			
Explosion-proof electrical system	Explosion-proof generator; Explosion-proof lighting; Explosion-proof signal lamp; Light switching mode: manual switching; Light range: 20m at the light brightness is not less than 4Lx			

*The right of interpretation of the above parameters belongs to Hubei SAFE SEIKO, and any modification will not be notified, and the illustrations in the text are not necessarily the standard models of this model.