



宁波市鄞州创新建筑机械有限公司

Ningbo Yinzhou ChuangXin Construction Machinery Co., LTD



ANTSPOWER

艾斯博尔



CX18



CX12-5

Contact Us

电话/Tel : 0086 574 88140818

网址/Website : www.nb-cx.com

传真/Fax: 0086 574 88140818

邮箱/Email: cxjx@nb-cx.com

Mobile number:0086-15858493716

地址/Add:Dabipu village,Tangxi Town,Yinzhou District,Ningbo City,
Zhejiang Province,China

Sworld-class Super Mini Excavator



从这里走向世界

FROM HERE TO THE WORLD



CX15BE



CX18



CX20



CX12-5



Trailer

CX10T

MINI CRAWLER EXCAVATOR

Simple and visual control platform



CX11A



CX11A With Swing boom



E-large door allows wide-open, ground-level access to daily checkpoints, for fast service



CX11B

MINI CRAWLER EXCAVATOR



Pilot control ,handle on both sides, Easier and more efficient operation



Movable seats to meet the needs of different people



Strong and solid frame chassis all oil pipes have metal protective sleeves



APPLICATION

Applicable to agroforestry planting, farmland leveling, garden cultivation, repairing pavement, basement and interior construction, farming, vegetable greenhouse and other working environment.

Product Feature:

- 01 With Koop 192F engine ,Smart ,simple ,safe
- 02 Small and flexible ,convenient for small terrain and limited space
- 03 CX10T,CX11A,CX11B with different configuration for needing
- 04 Easy operation ,be convenient for transport

Technical Parameters

Model	CX10T	CX11A	CX11B
Operation Weight (KGS)	1020	1060	1120
Bucket capacity (m ³)	0.025	0.025	0.025
Bucket width (mm)	380	380	380
Boom length (mm)	1480	1480	1480
Arm length (mm)	793	793	793
Diesel Engine			
Engine model	Koop KD192F	Koop KD192F	Koop KD192F
Rated power (Kw/rpm)	8.6/3000	8.6/3000	8.6/3000
Displacement(L)	0.499	0.499	0.499
Number of cylinder	1	1	1
Bore * storke (mm)	92*75	92*75	92*75
Cooling way	Air cooled	Air cooled	Air cooled
Operating Range			
Maximum digging radius (mm)	2890	2890	2890
Maximum digging depth (mm)	1650	1720	1720
Maximum digging height (mm)	2600	2600	2600
Maximum unloading height (mm)	1890	1890	1890
Push plate length & width (mm)	930*205	930*205	930*205
Push plate pushing height & depth (mm)	135/255	135/255	135/255
Boom turning Angle (°)	No	Left 50°/Right 70°	Left 50°/Right 70°
Whole Dimension			
Length of track (mm)	1220	1220	1220
Ground clearance of upper platform (mm)	360	360	360
Turning radius of tail (mm)	780	780	780
Width (mm)	930	930	930
Width of track (mm)	180	180	180
Height of track (mm)	320	320	320
Length (mm)	2750	2750	2750
Whole Height (without/with ceiling)	1500/2140	1500/2140	1500/2140

CX12-3 CX12-5 CX12-6

SUPER STAR MINI EXCAVATOR

Ultra-compact dimensions, enhanced operator protection, Zero tail swing...everything you need to get the job done.

There's a lot to like about Kubota's new mini excavators. They're ultra-compact so you easily work in tight spots. They also have an improved control layout, and upgraded comfort features to keep you working efficiently and comfortably. Best of all, you can depend on these hydraulic mini excavators to get the job done with speed and efficiency.

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KUBOTA STAGE V ENGINE

Highly trusted in the compact industrial machinery market, the efficient combustion created by our engine's unique Three Vortex Combustion System reduces exhaust emission and noise. Its layout also puts most components within easy reach for faster maintenance. Furthermore, it is now fully Stage-V compliant.



Product Feature:

PROTECTED HYDRAULIC SERVICE PORTPIPES

With the CX12-5, you'll never need to replace the hydraulic service port pipes again. To reduce the risk of damaging the hydraulic piping, the service port pipes are hidden inside the boom, and its service ports are conveniently located at the end of the boom.



TWO-PIECE HOSE DESIGN

When an on-site replacement of a dozer cylinder supply hose is necessary, its two-piece design simplifies the job.



SERVICE/SECURITY

Service and security go hand in hand to ensure that your mini excavator is always ready to go to work. Maintenance is simple, thanks to a full-opening engine cover that provides easy access to the engine and conveniently located and protected hydraulic service port pipes. And security? Provided by Kubota's sophisticated anti-theft system, of course.



FULL OPENING ENGINE COVER

The engine cover's tilt-up operation exposes most of the engine—providing easier access to components.



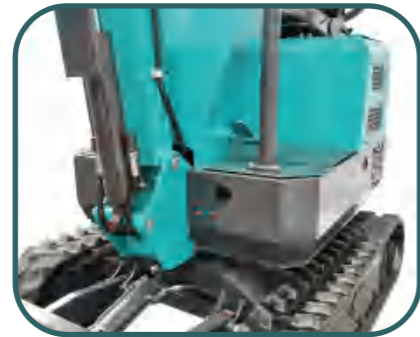
Technical Parameters

Model		CX12-3	CX12-5	CX12-6
Operating weight	kg	1050	1180	1200
Bucket capacity std. SAE/CECE	m³	0.024/0.020	0.024/0.020	0.024/0.020
Bucket width(with side teeth/without side teeth)		398/380	398/380	398/380
Engine				
Model		D722-EF11	D722-EF11	D722-EF11
Type		Water-cooled diesel engine E-TVCS	Water-cooled diesel engine E-TVCS	Water-cooled diesel engine E-TVCS
Engine power	kW/rpm	10.2/2200	10.2/2200	10.2/2200
Number of cylinder		3	3	3
Bore X Stroke	mm	67 X 68	67 X 68	67 X 68
Displacement	cc	719	719	719
Dimensions				
Overall length	mm	2980	2980	2980
Overall height	mm	2260	2260	2260
Swivelling speed	rpm	8.3	8.3	8.3
Rubber shoe width	mm	180	180	180
Tumbler distance	mm	1010	1010	1010
Dozer size(width X height)	mm	750/990 X 200	750/990 X 200	750/990 X 200
Hydraulic pumps				
P1, P2		Gear pump	Gear pump	Gear pump
Flow rate	l/min	10.5+10.5	10.5+10.5	10.5+10.5
Hydraulic pressure	Mpa(kgf/cm²)	16.2(165)	17.2(175)	17.2(175)
P3		—	Gear pump	Gear pump
Flow rate	l/min	—	3.1	3.1
Hydraulic pressure	Mpa(kgf/cm²)	—	3.9 (40)	3.9 (40)
Boom swing angle (left/ right)	deg.	55/55	55/55	55/55
Flow rate	l/min	21	21	21
Hydraulic pressure	Mpa(kgf/cm²)	17.2(175)	17.2(175)	17.2(175)
Hydraulic reservoir	l	12.6	12.6	12.6
Fuel tank capacity	l	12	12	12
Operation Way		Mechanical valve operation	Pilot operation	Pilot operation
Travel Motor		Eaton Orbital motor	Eaton Orbital motor	LKG Plunger motor
Max. travelling speed (low / high)	km/h	single speed ,2km/h	single speed ,2km/h	2-speed , 2/4km/h
Ground contact pressure	Mpa(kgf/cm²)	29.0(0.30)	29.0(0.30)	29.0(0.30)
Ground clearance	mm	140	140	140



CX13T CX13A

MINI CRAWLER EXCAVATOR



Front Control Platform

CX13T With Fixed Boom

Wide Open Elarge Door



CX13A

With Swing Boom

Product Feature:

Beautiful appearance, high configuration, superior performance, low fuel consumption, wide operating range. 01

Chinese Brand Koop 2V80, two cylinder, water cooled diesel engine, the engine that meet Euro 5 Emissions standards. 02

Bulldozer Blade: Strong and durable, Height can be adjusted freely. 03

Independent Oil Pipeline, and each tubing is connected independently. 04

Reduce maintenance and operating costs. Liberate the workforce, improve the mechanization, low investment, high return. 05

Technical Parameters

Model	CX13T	CX13A
Operation Weight(KGS)	1280	1320
Bucket capacity(m ³)	0.025	0.025
Bucket width(mm)	380	380
Boom length (mm)	1560	1560
Arm length (mm)	793	793
Diesel engine		
Engine model	KOOP KD2V80	KOOP KD2V80
Rated power (Kw/rpm)	12/3000	12/3000
Maximum torque(N.m)	43	43
Displacement (L)	0.794	0.794
Number of cylinders	2	2
Cooling way	Water cooled	Water cooled
Fuel consumption rate (g/kw.h)	285	285
Operating range		
Maximum digging radius (mm)	3225	3225
Maximum digging depth (mm)	1780	1780
Maximum digging height (mm)	2740	2740
Maximum unloading height (mm)	1970	1970
Push plate length & width (mm)	1040*205	1040*205
Push plate pushing height & depth (mm)	170/220	170/220
Boom turning Angle (°)	No	Left 50°/Right 70°
Arm rotatable or not	No rotatable	Rotatable
Operating system	Mechanical valve operation	Mechanical valve operation
Whole Dimension		
Wheel Tread (mm)	950mm	950mm
Length of track (mm)	1290 mm	1290 mm
Ground clearance of upper platform (mm)	405 mm	405 mm
Turning radius of tail (mm)	850 mm	850 mm
Width (mm)	1055 mm	1055 mm
Width of track (mm)	180 mm	180 mm
Height of track (mm)	320 mm	320 mm
Length (mm)	2995 mm	3160mm
Whole Height (without/with ceiling)	1570/2200 mm	1570/2200 mm

CX15T CX15A

MINI CRAWLER EXCAVATOR

Technical Parameters

Model	CX15T			CX15A		
Operation Weight(KGS)	1420			1450		
Bucket capacity(m ³)	0.025			0.025		
Bucket width(mm)	380			380		
Boom length (mm)	1560			1560		
Arm length (mm)	793			793		
Diesel engine						
Engine model	YANMAR 3TNV70	KUBOTA 902	PERKINS 403J-11	YANMAR 3TNV70	KUBOTA 902	PERKINS 403J-11
Rated power (Kw/rpm)	10.2/2400	11.8/2300	14.7/2200	10.2/2400	11.8/2300	14.7/2200
Number of cylinders	3	3	3	3	3	3
Cooling way	Water cooled			Water cooled		
Fuel consumption rate (g/kw.h)	273			273		
Operating range						
Maximum digging radius (mm)	3225			3225		
Maximum digging depth (mm)	1750			1750		
Maximum digging height (mm)	2740			2740		
Maximum unloading height (mm)	1970			1970		
Push plate length & width (mm)	1040*205			1040*205		
Push plate pushing height&depth (mm)	170/220			170/220		
Boom turning Angle (°)	No			Left 50°/Right 70°		
Boom rotatable or not	No rotatable			Rotatable		
Operating system	Mechanical valve operation			Mechanical valve operation		
Whole Dimension						
Wheel Tread (mm)	950mm			950mm		
Length of track (mm)	1290 mm			1290 mm		
Ground clearance of upper platform (mm)	405 mm			405 mm		
Turning radius of tail (mm)	850 mm			850 mm		
Width (mm)	1055 mm			1055 mm		
Width of track (mm)	180 mm			180 mm		
Height of track (mm)	320 mm			320 mm		
Length (mm)	3160mm			3160 mm		
Whole Height (without/with ceiling)	1570/2200 mm			1570/2200 mm		

Product Feature:

1. Original appearance patent design.
2. Simple visual operating platform.
3. Use Original Imported Yanmar & Kubota Diesel engine that meet Euro 5 Emissions standards & EPA.
4. Support multi-function operation, fast attachment of attachment, buckets hammers, grapples and auger etc.



CX15T

With Fixed Boom

CX15A

With Swing Boom

CX15B CX15BE

EXCAVATOR TRAILER



Pilot Operating Platform

CX15B

With Swing Boom



CX15BE

With Swing Boom



Kubota/Yanmar /Perkins Engine can choose

Product Feature:

Original Imported Japanese Diesel engine Yanmar/Kubota 01

Boom cylinder is positioned above the boom where it's better protected from impact. Durable, tight-fitting steel bushings are easily interchangeable, further minimizing downtime 02

CX15BE Variable-width undercarriage can be hydraulically retracted to access tight quarters where handwork was once required, then easily extended to provide a stable working platform. 03

Technical Parameters

Model			CX15B	CX15BE
Type of ROPS / FOPS			Canopy	Canopy
Type of tracks			Rubber	Rubber
Engine	Model		Kubota D902/Yanmar 3TNV74	Kubota D902/Yanmar 3TNV74
	Output (SAE J1995 gross)	HP (kW) @ rpm	11.8KW/11.2KW / 2300	11.8KW/11.2KW / 2300
Dimensions	Overall length (Transport)	(mm)	3240 mm	3240 mm
	Overall height (Transport)	(mm)	2280 mm	2280 mm
	Overall width	Standard (mm)	1050 mm	1160 mm
		Narrow (mm)	1050 mm	920 mm
	Track gauge	Standard (mm)	1050 mm	1160 mm
		Narrow (mm)	1050 mm	920 mm
Min. ground clearance	(mm)	150 mm	160 mm	
Hydraulic system	Pump capacity	GPM (/min)	2.8 (10.5) × 2	2.8 (10.5) × 2 / 0.8 (3.1) × 1
	Auxiliary hydraulic flow	GPM (/min)	5.5 (21)	5.5 (21)
	Max. breakout force	Bucket / Arm lbs. (kgf)	2205 (1000) / 1012 (458.9)	2337 (1060) / 1214 (550.6)
Drive system	Travel speed	Low / High mph (km/h)	1.2 (2.3)	1.2 (2.3)
	Tumbler distance	(mm)	1040 mm	1040 mm
	Crawler length	(mm)	1360 mm	1360 mm
	Shoe width	(mm)	180 mm	180 mm
	Ground contact pressure	psi (kgf/cm ²)	4.1 (0.29)	4.2 (0.30)
	Swing system	Unit swing speed	rpm	8.5
Boom swing angle		Left / Right degree	55 / 55	55 / 55
Blade	Dimensions	Width Std / Narrow ft. in. (mm)	860 / 700 mm	990 / 750 mm
		Height in. (mm)	200 mm	200 mm
	Max. lift above ground	in. (mm)	200 mm	215 mm
	Max. drop below ground	in. (mm)	180 mm	190 mm
Operating weight	(Including operator's weight @ 165 lbs.)	kg	1510 KG	1560 KG

CX18

MINI CRAWLER EXCAVATOR



With swing boom



Pilot control operation



EASY FIT

Variable-width undercarriage can be hydraulically retracted to access tight quarters where handwork was once required, then easily extended to provide a stable working platform.



SMOOTH CONTROL

Load-sensing hydraulic system efficiently manages power for multiple functions, delivering smooth machine control with less effort.



SIMPLIFY SERVICE

E-Large door allows wide-open, ground-level access to daily checkpoints, for fast service. Grease fittings are also within easy reach.



Technical Parameters

Model	CX18
Manufacturer and Model	Yanmar 3TNV80/Kubota D902
Non-Road Emission Standard	EPA&EU-V emission
Gross Rated Power (ISO 14396)	14.6KW/11.8KW at 2,200 rpm
Cylinders	3
Main Pump	Variable-displacement pump
Maximum Discharge Flow	1x 39.6 l/m (1 x 18 cc/rev at 100% efficiency)
Pilot Pump	External pilot unit with safety valve and 2-speed control valve
Controls	Hydraulic pilot controls with hydraulic-enable lever
Powertrain	
Travel Motor	Variable plunger motor
Maximum Drawbar Pull	12.9 kN
Travel Speeds	
High	4.5 km/h
Low	2.6 km/h
Operating Weight	1780 kg
Operating Dimensions	
Arm Length	940 mm
Maximum Reach	3899 mm
Maximum Reach at Ground Level	3848 mm
Maximum Digging Depth	2326 mm
Maximum Cutting Height	3462 mm
Maximum Loading Height	2436 mm
Minimum Slew Radius	1372 mm
Maximum Vertical Wall Digging Depth	1713 mm
Tail-Swing Radius	660 mm
Machine Dimensions	
Arm Length	940 mm
Overall Length	3584 mm
Overall Height	2362 mm
Overall Width (over tracks)	
Minimum	990 mm
Maximum	1300 mm
Tail-Swing Radius	660 mm
Tumbler Distance	1223 mm
Overall Length of Crawler	1251 mm
Counterweight Clearance	448 mm
Overall Height (to top of cab)	2362 mm
Ground Clearance	156 mm
Overall Width of Upperstructure	980 mm
Track Gauge	760 mm
Shoe Width	230 mm



DIG AND GO

Two-speed travel with automatic shifting provides faster transport speeds across large work areas or to the next job.



BUILT TOUGH

Boom cylinder is positioned above the boom where it's better protected from impact. Durable, tight-fitting steel bushings are easily interchangeable, further minimizing downtime.



GET IN CLOSE

Zero-tail-swing design lets the operator rotate the machine in tight spaces without worrying about hitting walls or obstacles.

CX20A CX20B

MINI CRAWLER EXCAVATOR



CX20B

With Swing Boom



Control system platform



Full Opening Engine Cover Door

CX20A



Standard Configuration

- Yanmar, Kubota, Perkins engine
- / Pilot multiple valve /
- Foot walking / Load sensitive variable piston pump /
- Eaton motor/ Inlet cylinder, tubing with build-in NOK
- sealing ring / Adjustable dozer /
- Wear-resistant engineering rubber track /
- Adjustable driver's seat /
- Standard bucket / Swing function /
- Hydraulic lock / Cab / Escape hammer /
- Portable fire extinguisher / Sunshade / Fan



Product Feature:

- 01 Imported accessories ,improve work efficiency
- 02 Hydraulic pilot control ,accurately control by the feet
- 03 Using Load sensitive variable plunger pump,smooth operation and flexible movement
- 04 The enlarged cab to make you get on/off comfortably
- 05 Disk with Orbital motor shuttle valve supporting hydraulic brake disc 2nd grad gear reducer

Technical Parameters

Mini Excavator	CX20A			CX20B		
Operation Weight(KGS)	2130			1980		
Hydraulic System						
Hydraulic Oil Pump Brand	TAIFENG			TAIFENG		
	LUDV Plunger Pumps			LUDV Plunger Pumps		
Walking Motor	American Eaton			American Eaton		
	2-Speed Motor			2-Speed Motor		
Rotating Motor	American Eaton			American Eaton		
	Gerotor Motor			Gerotor Motor		
Swing System	10 Rpm			10 Rpm		
Travel Speed	0-4.5 km/h			0-4.5 km/h		
Bucket Digging Froce	14 KN			14 KN		
Arm Digging Force	10 KN			10 KN		
Grade Ability	< 35° (70%)			< 35° (70%)		
Diesel Engine						
Engine Model	YANMAR 3TNV80	PERKINS 403J-11	KUBOTA D1105	YANMAR 3TNV80	PERKINS 403J-11	KUBOTA D1105
Rated Power (Kw/rpm)	14.6/2400	14.7/2200	14/2300	14.6/2400	14.7/2200	14/2300
Displacement(L)	0.993	1.13	0.898	0.993	1.13	0.898
Number of Cylinders	3	3	3	3	3	3
Cooling Way	Water Cooled	Water Cooled	Water cooled	Water Cooled	Water Cooled	Water cooled
Operating Range						
Boom Length	1940 mm			1940 mm		
Arm Length	1260 mm			1260 mm		
Max Digging Reach	3793 mm			3793 mm		
Max Digging Depth	2154 mm			2154 mm		
Max Digging Height	3050 mm			3050 mm		
Max Dumping Height	2217 mm			2217 mm		
Mini Swing Radius	1820 mm			1820 mm		
Rear Swing Radius	1048 mm			1048 mm		
Max ground digging range	3690 mm			3690 mm		
Max vertical digging depth	1500 mm			1500 mm		
Excavator boom swing or not	Swing			Swing		
Operating system	Pilot valve operation			Pilot valve operation		
Whole Dimension						
Overall width	1215 mm			1215 mm		
Overall height	2360 mm			2300 mm		
Overall length	3800 mm			3800 mm		
Mini ground clearance	230 mm			230 mm		
Ground contact length of track	1090 mm			1090 mm		
Track width	230 mm			230 mm		
Track gauge	820 mm			820 mm		
Bucket capacity	0.06 m³			0.06 m³		

CXT-35 CXT-45

EXCAVATOR TRAILER



CXT-35



CXT-45



Product Feature:

Technical Parameters

Model	
	Excavator Trailer (Trailer Net Weight: 630 KGS)
	1.loading capacity: 2500kgs
	2.with Four wheels, wheel rim 14*5.5inch, white color, tyre size :185R14C
	3.with Red trail light
	4.Yellow number plate light
	5.with 2pcs electric brake, Austrian standard, 2*10mm safety chains
	6.material :hot dipped galvanized
CXT-35	7.Axle with left spring, size 7L*60*7mm
	8.with 7 flat pin plug front connection
	9.Chassis Material: tube 100*50 mm, thickness :3mm
	10.Wheels Cover: use galvanized plate to make, mudguard painted with color blue like diggers
	11.With protective fence, use bolts to install
	12.with two Jerry
	13.platform size: width1400mm*length 1860mm
	14. It's suitable for loading all the excavators under 2 tons (including 2 ton)
	Excavator Trailer (Trailer Net Weight: 910 KGS)
	1.Loading capacity: 3500KGS
	2.with Four wheels, wheel rim 15*6 inch, white color, tyre size:235/75R15LT 10PR, Single tyre loading capacity:1250KGS
	3.with Red trail light
	4.Yellow number plate light
	5. with 4pcs electric brake, Austrian standard, 2*10mm safety chains
	6.material: hot dipped galvanized
CXT-45	7.Axle with left spring, 8L*60*7mm
	8.with 7 flat pin plug front connection
	9.Chassis Material: tube 100*50 mm, thickness:3mm
	10.Wheels Cover: use galvanized plate to make, mudguard painted with color blue like diggers
	11.With protective fence, use bolts to install
	12.with two Jerry
	13.platform size: width1700mm*length 2415mm
	14.It's suitable for loading all the excavators under 3.5 tons(including 3.5 ton)



Breaker Hammer



Earth Auger Drill



Quick Hitch



Rake



Swing Bucket



Wide Bucket



Narrow Bucket



Plane Bucket



Ripper



Skeleton Bucket



Wood Crab



**EXCAVATOR
ATTACHMENTS**