

# KOREX BACKHOE LOADER

TOTAL DIMENSION SIZE  
6,150x2,350x3,763mm

POWER SPEED  
85kw 2,400r/min

MACHINE WEIGHT  
8,320kg

WHEEL BASE  
2,200mm



## OFFICE

**Office.** 603 6th floor 298, Beotkot-ro, Geumcheon-gu, Seoul, Republic of Korea  
**Factory.** 246 Gogol-gil, Deogyang-gu, Goyang-si, Gyeonggi-do, Republic of Korea  
**Tel.** (+82)2038-0008  
**Email.** sales@kscparts.com

# BACKHOE LOADER I KBL300

· All maintenance points are easily accessible to improve the safety, shorten the maintenance time, and ease the daily maintenances.



## SPECIFICATION

### KBL300

Model		Unit	KBL300
Total Dimension	Wheel Base	mm	2,200mm
	Size	mm	6,150x2,350x3,763mm
	wheel tread	mm	1,850/2,000mm
	Min. ground clearance	mm	300mm
	Min. turning radius	mm	6,580mm
Engine	Model	-	Yuchai
	rated power	-	85kw
	Rated speed	r/min	2400r/min
	Number of cylinders (inner diameter)	-	4-105
Performance parameters	System pressure	mpa	28Mpa
	Machine Weight	kg	8,320kg
	top speed	Km/h	22Km/h
	Max. gradeability	-	35
Transmission system	gearbox	-	Fixed shaft power shift
	Number of gears	-	Two Gears Ahead, Two Gears Astern
	torque converter	-	YJ280
Digger parameters	Angel	-	A wheel side reduction axle
	Max. telescopic digging depth	mm	4,000/5,200mm
	Excavation unloading height	mm	4,500/5,300mm
	Max. digging radius	mm	5,800/7,100mm
	Max. lift height	mm	6,060/7,200mm
Tyre	Bucket capacity	cbm	0.3cbm
	Excavator rotation angle	-	190
Tyre	Model	-	14-17.5/19.5L-24
	service brake	-	Air-cap oil caliper disc brake
	Parking brake	-	air brake
	Fuel tank	L	100L
	Hydraulic tank	L	100L
	drive type	-	four-wheel drive
	Transmission type	-	hydraulic shifting
	control system	-	Electromagnetic hydraulic pilot control
Load parameters	Max. unloading height	mm	2,742mm
	Max. unloading distance	mm	1,062mm
	Bucket Capacity	cbm	1cbm
	Rated load weight	kg	2,500kg

# BACKHOE LOADER I KBL388

· All maintenance points are easily accessible to improve the safety, shorten the maintenance time, and ease the daily maintenances.



## SPECIFICATION

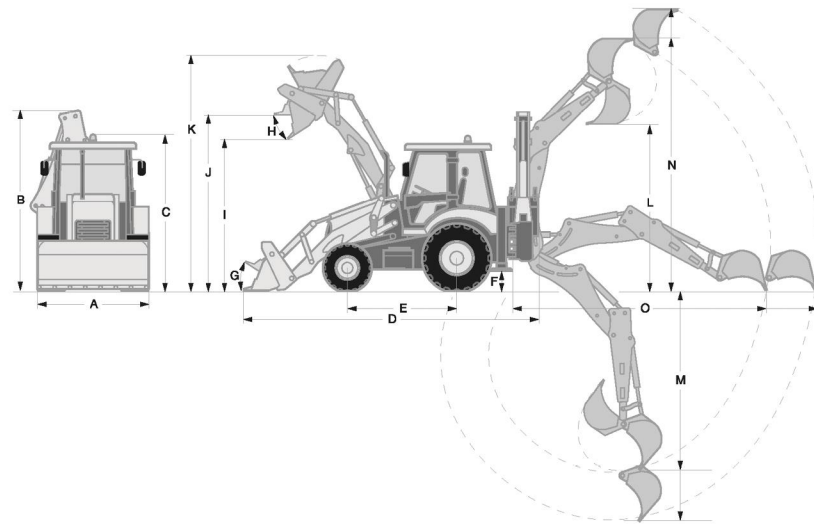
### KBL388

Model		Unit	KBL388
Size	Outline	mm	8,150x2,250x3,763mm
	Wheelbase	mm	2,200mm
	Wheeltrack	mm	1,750mm
	Min Ground Clearance	mm	300mm
	System Pressure	mpa	28mpa
Performances	Weight	kg	8,320kg
	Rotation Speed	rmp	22-35rmp
	Excavation Power	kn	38kn
Excavating Index	Max Digging Depth	mm	5,700mm
	Unloading Height	mm	5,300mm
	Maximum Digging Radius	mm	6,100mm
	Bucket Capacity	m <sup>3</sup>	0.3m <sup>3</sup>
	Max Excavation Height	mm	7,100mm
Bucket Loading Index	Rotation Angle	°	190°
	Max Unloading Height	mm	2,742mm
Engine	Bucket Capacity	m <sup>3</sup>	1.2m <sup>3</sup>
	Rated Weight	ton	2-2.5t
	Model	-	Yu'chai 4105
Driving System	Type	-	Turbo
	Power	kw	85kw
Steering System	Transmission	-	Power Shift
	Gear Type	-	Front 2 and Back 2
Others	Hyd. Torque Converter	-	YJ280
	Type	-	Hinged Hyd. Rotary
	Steering Angle	°	38°
Others	Driving Type	-	Four Wheel
	Gear Type	-	Hydraulic
	Operating System	-	Electromagnetic Hyd. Pilot
	Tyre	-	14-17.5/19.5L-24
Air conditioner/ Telescopic Handler	-	-	Yes
	4 in 1 Bucket	-	Yes

# BACKHOE LOADER I KBL877

All maintenance points are easily accessible to improve the safety, shorten the maintenance time, and ease the daily maintenances.

## EXTERIOR DRAWING



## DIMENSIONS

Model		Unit	KBL877	
Type		-	Standard arm	Extendable arm
A	Overall width	mm	2,350	2,350
B	Overall height	mm	3,608	3,608
C	Height to top of cab (including beacon)	mm	3,090	3,090
D	Overall length	mm	5,917	5,917
E	Wheelbase	mm	2,170	2,170
F	Ground clearance	mm	363	363
G	Roll back angle ground level	°	45	45
H	Dump angle	°	45	45
I	Dump height	mm	2,693	2,693
J	Load over height	mm	3,193	3,193
K	Maximum operating height loader	mm	4,313	4,313
L	Loading clearance excavator	mm	3,606	4,308
M	Maximum digging depth	mm	4,303	5,337
N	Operating height excavator	mm	5,335	5,986
O	Reach from swing post at ground level	mm	5,359	6,300
-	Maximum excavator bucket rotation	°	194	194

## OPTIONAL ATTACHMENTS

Model		Unit	KBL877						
Attachments types	-	-	Loader attachments			Excavator attachments		Flip over forks	
Type	-	-	General purpose bucket	Multi purpose bucket	Pallet forks	Heavy duty bucket	Grading bucket	Mechanical quick-coupler	-
Width	mm	2,350	2,350	2,350	1,000(tines)	310/410/465/625/765/925	1,210	-	-
Weight	kg	460	705	289	111/120/127/150/170/193	153	54	477	-
Capacity	m <sup>3</sup>	1	1	-	0.08/0.11/0.13/0.18/0.23/0.30	0.27	-	-	-
No. of teeth	-	8/Bolt-on edge	8	-	3/3/3/4/5/6	-	-	-	-
Side cutters	-	-	-	-	-	Yes	-	-	-
Length of tines	mm	-	-	-	-	-	-	-	-
Rated load	kg	-	-	-	-	-	-	-	1,000

# BACKHOE LOADER I KBL877

## SPECIFICATION

KBL877

Model		Unit	KBL877	
Type		-	Standard arm	Extendable arm
Total Dimension	Operating weight	kg	7,900	8,300
	Loader bucket configuration	-	General purpose	Multi purpose
	Standard loader bucket capacity	m <sup>3</sup>	1	1
	Standard excavator bucket width	mm	625	625
	ROPS/FOPS cab	-	Optional	-
	Lift capacity (rated load)	kg	1,800	1,800
	Max. tractive force	kN	82	82
	Max. digging force	kN	48	48
	Min. turning radius	mm	5,426	5,426
	Noise level inside cab	Db	84	84
	Noise level outside cab	Db	108	108
Excavator	Max. digging force excavator bucket	kN	48	48
	Max. digging force excavator arm	kN	38	38
	Max. break-out force excavator	kN	48	48
Loader	Max. break-out force loader	kN	48	48
	Max. break-out force loader arm	kN	45	45
	Max. lift capacity loader (GP bucket)	kg	3,180	3,180
	Max. lift capacity loader (MP bucket)	kg	2,935	2,935
Engine	Brand	-	Yuchai	
	Model	-	YC4A	
	Type	-	In line, water cooled, four stroke, direct injection	
	Rated Power (Gross)	kW	70	
	Max. torque @ 1400 -1700 rpm	Nm	420	
	Bore / stroke	mm	108/132	
	Displacement	ml	4,800	
	Compression ratio	-	17.5:1	
Transmission	Brand, Model	-	Carraro, TLB1-4WD	
	Type	-	Powershuttle	
	Gears forward/reverse	-	4/4	
	Max. Speed forward	km/h	38	
	Max. Speed reverse	km/h	38	
	Service brake type	-	Vacuum servo	
	Parking brake type	-	Caliper disc	
	Front axle	Brand, Model	-	Carraro, 26.22-1920
Steering angel		°	55	
Rear axle	Brand, Model	-	Carraro wet brake, 28.44-1800	
	Differential lock	-	Yes	
Tires	Dimension front	-	12.5-18	
	Dimension rear	-	18.4-26(16.9-28)	
	Front tire pressure	psi	60.9-63.8	
	Rear tire pressure	psi	30.5-33.4	
Hydraulics	Type	-	3xgear pump	
	Max. Flow	L/min	200	
	Max. Pressure	Mpa	22.5	
	Working pressure excavator	Mpa	22.5	
	Working pressure loader	Mpa	22.5	
	Max. Flow hammer line	L/min	61	
Service fill capacities	Max. Pressure hammer line	Mpa	14	
	Fuel	L	135	
	Hydraulic oil	L	165	
	Axles(main and final drives)	L	7.5+0.8x2/15	
	Engine	L	11	
Transmission	L	20		
Anti freeze	L	14		