



Kubota

XTREME
TLB

KUBOTA
TLB SERIES



UNIQUE SELLING POINTS

- **Fuel efficient Escorts Engine** - reduced running costs through improved fuel consumption.
- **Heavy duty arms** - able to handle even the most demanding loads.
- **Equipment monitoring system** - increased lifespan through realtime data and analytics.
- **Higher breakout force** - improved results through improved performance
- **Fast cycle time** - less time wasted for increased effectiveness.
- **Cost effective and easy maintenance** - budget friendly maintenance keeps your machine on the job.



TECHNICAL SPECIFICATION

BACKHOE LOADER - XTREME (4WD)

KIRLOSKAR ENGINE



PARAMETERS		UM	Specification (With standard Dipper)	Specification (With Extendable Dipper/arm)
FEATURES				
1	4WD Option			✓
2	Equipment Monitoring System- Voice enabled alerts			✓
3	FM cum USB player			✓
4	Mobile Charger			✓
5	Storage box in cabin			✓
6	Outrigger engaged safety alarm			✓
7	Serviceability alerts to owner			✓
8	Machine locator			✓
9	Excavator side shift			✓
10	Two horns - Both side of steering			✓
11	Fuel low level warning			✓
12	Two work modes- Normal and Economy			✓
13	Tiltable oil cooler mechanism			✓
14	Loader bucket Self levelling			✓
15	Loder bucket return to dig feature			✓
16	Guard for pump safety			✓
17	Guard for hydraulic tank safety			✓
18	Self lubricating bush in Carriage			✓
19	HYVA dumper direct fill (without ramp)			✓
20	4 rear work lamps			✓
21	Hard faced buckets			✓
PERFORMANCE PARAMETERS				
A	EXCAVATOR PERFORMANCE			
1	Backhoe bucket -Standard capacity	cum	0.26	0.18
2	Bucket tear out force	kgf	6018	6018
3	Dipper tear out force	kgf	3250	2072
4	Lift capacity to bucket pivot at full reach (no bucket fitted) (SAE J31)	kgf	1554	850
5	A: Max dig depth	m	4.80	6.01
6	B: Reach ground level to rear wheel center	m	6.92	8.14
7	C: Reach ground level to slew center	m	5.54	6.77
8	D: Reach at full height to slew center	m	2.88	3.31
9	E: Side reach to center line of machine	m	6.00	7.31
10	F: Max working height	m	6.22	6.93
11	G: Max load over height	m	4.39	5.13
12	H: Total Side shift (King post travel)	m	1.06	1.06
13	J: Total Bucket rotation power	deg	187	187
B	LOADER PERFORMANCE			
1	Loader bucket -Standard capacity	cum	1.2	1.2
2	Bucket break-out force	kgf	6425	6425
3	Loader arm break-out force	kgf	5777	5777
4	M : Dump height	m	3.00	3
5	N : Load over height	m	3.51	3.51
6	O: Pin height	m	3.72	3.72
7	P : Pin forward reach	m	0.41	0.41
8	Q : Reach at ground	m	1.57	1.57
9	R : Max reach at full height	m	1.21	1.21
10	S : Reach at full height-Bucket dumped	m	0.85	0.85
11	T : Below ground level dig depth	m	0.07	0.07
12	U : Rollback at ground	deg	45	45
13	V : Dump angle	deg	45	45
14	Bucket Pay Load capcity	Kg	1980	1980
15	Lift capacity at full height	kg	2465	2465



STATIC DIMENSIONS				
1	A : Overall Length (Transport)	m	6.17	6.17
2	B : Wheelbase	m	2.14	2.14
3	D : Minimum ground clearance	m	0.36	0.36
4	E : Slew ground clearance	m	0.61	0.61
5	G : Height to top of cab	m	2.88	2.88
6	H : Overall height	m	3.77	4.04
7	J : Track width - Rear	m	1.75	1.75
8	K : Track width - Front	m	1.87	1.87
9	L : Width over bucket	m	2.37	2.37
Speed (Forward/ Reverse)				
1	Gear 1st	kmph	5.3 / 7.1	
2	Gear 2nd	kmph	8.4 / 11.0	
3	Gear 3rd	kmph	18.5 / NA	
4	Gear 4th	kmph	36.6 / NA	
AGGREGATES				
A	ENGINE			
1	Water cooled, diesel engine -Make		Kirloskar 4R1040TA, turbo charged	
2	No of cylinders : 4		4	
3	Gross power : Kw(hp)		66.2 kw (90 HP) at 2200 rpm	
4	Peak Torque : Nm		350 Nm@ 1400 rpm	
5	Emission norms		BSIII	
B	TRANSMISSION			
1	Type		Synchro shuttle, 4 speed, fully synchromesh	
2	Make		Carraro	
3	Torque converter stall ratio		3.01:1	
4	Selection of 2wd to 4w drive		Electrical	
C	AXLES			
1	FRONT AXLE			
a	Front Axle type		4WD, Steered	
b	Total oscillation angle	deg	16°	
2	REAR AXLE			
a	Rear Axle Type		Drive Axle	
b	Make		Carraro	
Tyre Sizes				
1	Front tyre		12.5/80 - 12 PR	
2	Rear tyre (Industrial)		16.9x28 - 12 PR	
Turning Circle (inner wheel not braked)				
1	Outside loader bucket	m	11.4	
Electricals				
1	Battery	AH	150	
2	Alternator	Amps	90	
3	Voltage	V	12	
Hydraulics				
1	System type		Open Centre	
2	System pressure	Bar	225	
3	Pump type		Fixed displacement, Gear pump	
4	Pump flow	lpm	117.5	
Steering				
1	Front wheel		Fully power, hydrostatic steering	
Brakes				
1	Service brakes, dual line, self adjusting, compensated oil immersed, multi disc type on the rear axle with two independent pedals linked together for normal use.		Hydraulically actuated	
2	Option to switch automatically from 2wd to 4wd for effective braking		Electrical switch	
3	Parking brake on rear axle		Hand operated disc brake	
Operating Weight		Kg	8400	