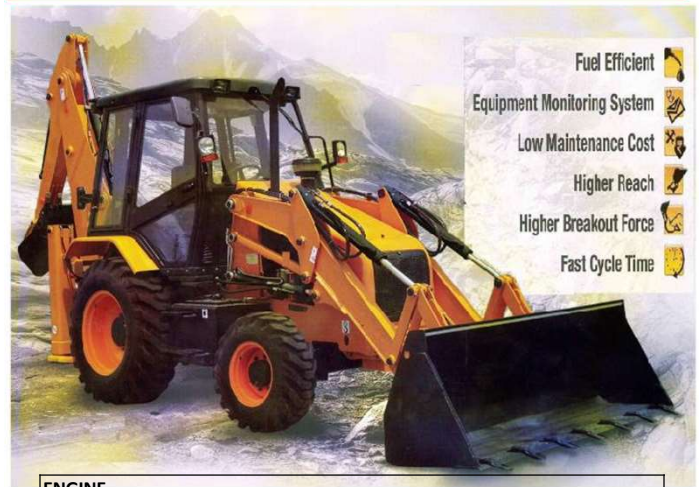




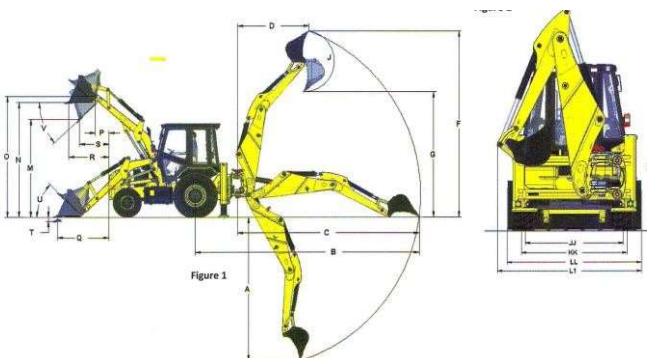
الواسط ALWASIT

AWM 4BX BACKHOE LOADER

Operating Weight	Kg	8400
EXCAVATOR PERFORMANCE		
Backhoe bucket -Standard capacity	cum	0.26
Bucket tear out force	kgf	6018
Dipper tear out force	kgf	3250
Lift capacity to bucket pivot at full reach (no bucket fitted) (SAE J31)	kgf	1554
A: Max dig depth	m	4.80
B: Reach ground level to rear wheel center	m	6.92
C: Reach ground level to slew center	m	5.54
D: Reach at full height to slew center	m	2.88
E: Side reach to center line of machine	m	6.00
F: Max working height	m	6.22
G: Max load over height	m	4.39
H: Total Side shift (King post travel)	m	1.06
J: Total Bucket rotation power	deg	187
LOADER PERFORMANCE		
Loader bucket -Standard capacity	cum	1.2
Bucket break-out force	kgf	6425
Loader arm break-out force	kgf	5777
M : Dump height	m	3.00
N : Load over height	m	3.51
O: Pin height	m	3.72
P : Pin forward reach	m	0.41
Q : Reach at ground	m	1.57
R : Max reach at full height	m	1.21
S : Reach at full height-Bucket dumped	m	0.85
T : Below ground level dig depth	m	0.07
U : Rollback at ground	deg	45
V : Dump angle	deg	45
Bucket Pay Load capcity	Kg	1980
Lift capacity at full height	kg	2465
STATIC DIMENSIONS		
A : Overall Length (Transport)	m	6.17
B : Wheelbase	m	2.14
D : Minimum ground clearance	m	0.36
E : Slew ground clearance	m	0.61
G : Height to top of cab	m	2.88
H : Overall height	m	3.77
J : Track width - Rear	m	1.75
K : Track width - Front	m	1.87
L : Width over bucket	m	2.37



ENGINE		
Water cooled, diesel engine -Make	Perkins	
No of cylinders : 4	4	
Gross power : Kw(hp)	66.2 kw (90 HP) at 2200 rpm	
Peak Torque : Nm	350 Nm@ 1400 rpm	
CMVR emission norms	BSIII	
TRANSMISSION		
Type	Synchro shuttle,4 speed fully synchromesh	
Make	Carraro	
Torque converter stall ratio	3.01:1	
Selection of 2wd to 4w drive	Electrical	
AXLES		
Front Axle type	4WD, Steered	
Total oscillation angle	16°	
REAR AXLE		
Rear Axle Type	Drive Axle	
Make	Carraro	
Tyre Sizes		
Front tyre		12.5/80-12 PR
Rear tyre (Industrial)		16.9x28-12 PR
Turning Circle (inner wheel not		
Outside loader bucket	m	11.4
Electricals		
Battery	AH	150
Alternator	Amps	90
Voltage	V	12
Hydraulics		
System type		Open Centre
System pressure	Bar	225
Pump type		Fixed displacement, Gear pump
Pump flow	lpm	117.5



STD SUPPLY WITH:-

- 4 X 4 (4WD)
- AC CABIN
- EXTENDIBLE ARM
- HAMMER LINE
- WITH DOZING OPTION
- HEAVY DUTY TIRES