

Parallelogram / Double cylinder



#### TECHNICAL SPECIFICATIONS

ENGINE	
Make	O immins
Model	48TAA 3 9 99C 32
Type Turk	o charged inter-conted direct injection.
Gross Power	
Max, Torque	
Battery	
Battery No. of Cylinders	4 nos.
Stroke	120 mm
Displacement	
Alternator	95 Amps

#### HYDRAULIC SYSTEM

Excellent Hydraulic System (EHS) with Tandem gear pump for lower fuel consumption 

#### TRANSMISSION

Equipped with Carraro make transmission with synchro-shuttle Sclenoid-type mechanism allows smooth, easy forward and reve Transmission allows for four forward and two sewers around.

#### AXLE

Front Axle
<ul> <li>Heavy-duty, Powered Axel.</li> </ul>
<ul> <li>Floats up to +√-8 degrees to handle</li> </ul>
uneven terrains
*4WD * Front arile, and pin angle = 7" camber angle = 16 Ret o Total = "37161
CDEEDC

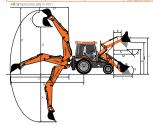
SPEEDS	ØJBSO RPM & Standard GP tyr
Forward	Reverse
1st 4kmph	1st 5 kms
2nd	2nd 8 km
3rd	3rd
4th	4th Not recommends

Rear Axie
Rear Carraro axie that is heavy-duty and long-lasting
High brake torque

#### BACKHOE PERFORMANCE

Parameter	Standard Backhoe	Long Reach Backhoe
Backhoe Budiet Digging for	ce 5685 kg/	9534 kgf
Backhoe Arm Digging force	3220 kgf	3/36 kgf
Backhoe Boom length	2.46 m	2,76 m

Dirr. Notations	(Standard Backhoe)	(Long Reach Backhee)	Description
A	4700	5003	Max, Digging depth
8	6890	7196	Max-reach from Rear aide Centre
c	5440	5790	Hay reach from Sew Centre
D	2001	2520	Max, reach cluring leading from Slew Centre
	1	10*	Bucket rotation angle
F	6050	6526	Max. Cutting Height in Backhoe (Stabliger fully extended condition)
6	4200	4476	Max. Loading Height in Backhoe (Stabilizer fully extended condition)









Service Brake: Oil-immersed we better control in narrow spaces Parking Brake: Hand-operated of

#### STEERING

Turning Radius Inner wheels not braked	
Outside Loader Buckel 11.73 m	
Outside Wheels 8.9 m	

## TYRES Front W der (4 Rear (Strl.) Rear (HD) REFUL CAPACITY

Fuel Tank 128	3 L
Engine Oil	
Engine Coolant 13	
Transmission Oil 16	
Rear Avle Oil	sΕ
Hydraulic Oil Refil 86	iL

#### LOADER PERFORMANCE

Be	low ground dig depth	55 mm
Lo	ader bucket break-out force	6,499 kgf
Lo	ader arm break-out force	5.135 kgf
Pa	vload	
St	andard Tilt Bucket	11 m <sup>7</sup>
01	torral Bunket	G-in-1 hottom dumn hucket 1 Om 1

Dim. Notations	Dimension	Description
Н	2,842	Dump height
- 1	3,509	Load over height
J	3,729	Pin height
K	454	Plin forward reach
L	1,817	Reach at ground level
М	1,432	Max, reach at full height
N	982	Reach in bucket dump position
Bucket Angles		
0	45°	Burket roll-in angle
P	45°	Rustket rotation angle

### MAIN MACHINE STATIC DIMENSIONS

Symbol	Dimersion (Standard Backhoe)	Dimension (Long Reach Seckhoe)	Description
1	6-	114	Transport Length
2	2	no	Wheelone
3	×	115	Słow Centre to Rear Avle Centre
4	2	56	Minimum Ground Clearence point
5	4	85	Slew ground designed
	26	05	Height of Cabin
7	3530	3020	Machine Transportation height
	10	10	Rear Wheel tread width
9	. 10	00	Pront Wheel Tread width
10	2357		Loader Budeet Width
- 11	9920	5790	May reach from Sew center
12	10	60	Total Side Shift Travel
13	5993	6323	Max side reach to Machine center





Reliable Solutions











#### **EASY AND LOW-COST MAINTENANCE**

- Provides better performance with increased fuel efficiency
- High/Low pressure unloader systems ensure optimum flow of hydraulic oil.



Engine Oil	250 Hours
Transmission Oil	1000 Hours
Axle Oil	1500 Hours
Hydraulic Oil	4500 Hours

Coolant	6000 Hours
Engine Oil Filter	250 Hours
Fuel Filter	500 Hours
Primary Air Filter	1000 Hours
Secondary Air Filter	3000 Hours
Hydraulic Filter	500 Hours
Hydraulic Tank Breather	2500 Hours
Transmission Filter	1000 Hours

# MAXIMUM COMFORT AND SAFETY





QUARRY



ROAD