

## T-SERIES BACKHOE LOADERS SPEC SHEET



### ENGINE

Engine model code \_\_\_\_\_ 8040.45/TCA  
 Bore / Stroke (mm) \_\_\_\_\_ 104 /115  
 Displacement (l) \_\_\_\_\_ 3.9  
 Compression ratio \_\_\_\_\_ 18.3:1  
 Horsepower (hp) \_\_\_\_\_ 86  
 (@ rpm) \_\_\_\_\_ 2200  
 Maximum torque (Nm) \_\_\_\_\_ 402  
 (@ rpm) \_\_\_\_\_ 1300

### POWER TRAIN

Transmission  
 Model for 570T 2 WD \_\_\_\_\_ CARRARO 2WD TLB1  
 Model for 570T 4 WD \_\_\_\_\_ CARRARO 4WD TLB1  
 Type \_\_\_\_\_ 4f/4r travel gears with power shuttle  

Gear	Forward	Reverse
1st (km/h)	6.2	7.4
2nd (km/h)	10	12
3rd (km/h)	20.7	Not Recommended
4th (km/h)	39.2	Not Recommended

All speeds are in KMPH with standard tyres

### REAR AXLE

Model for 570T 2 WD and 4 WD \_\_\_\_\_ CARRARO 28.32M  
 Type \_\_\_\_\_ Rigid

### BRAKES

Service Brakes  
 Type / nr. \_\_\_\_\_ Wet Multi disc / 6  
 Parking Brake  
 Type \_\_\_\_\_ Manual, with lever

### FRONT AXLE

2 Wheel Drive  
 Model \_\_\_\_\_ CNH PS1300  
 Oscillation \_\_\_\_\_ +/- 10.5°  
 4 Wheel Drive  
 Model \_\_\_\_\_ Carraro 26.17  
 Oscillation \_\_\_\_\_ +/- 8°

### STEERING

Type \_\_\_\_\_ Power Steering  
 Turning radius (outside bucket corner)  
 With Brake (mm) \_\_\_\_\_ 4600  
 Without Brake (mm) \_\_\_\_\_ 5550

### TYRE SIZE

Standard - Front \_\_\_\_\_ 9.0x16 - 16 PR  
 Standard - Rear \_\_\_\_\_ 16.9x28 - 12 PR  
 Heavyduty - Front \_\_\_\_\_ 12.5x18 - 12 PR  
 Heavyduty - rear \_\_\_\_\_ 14x25 - 20 PR

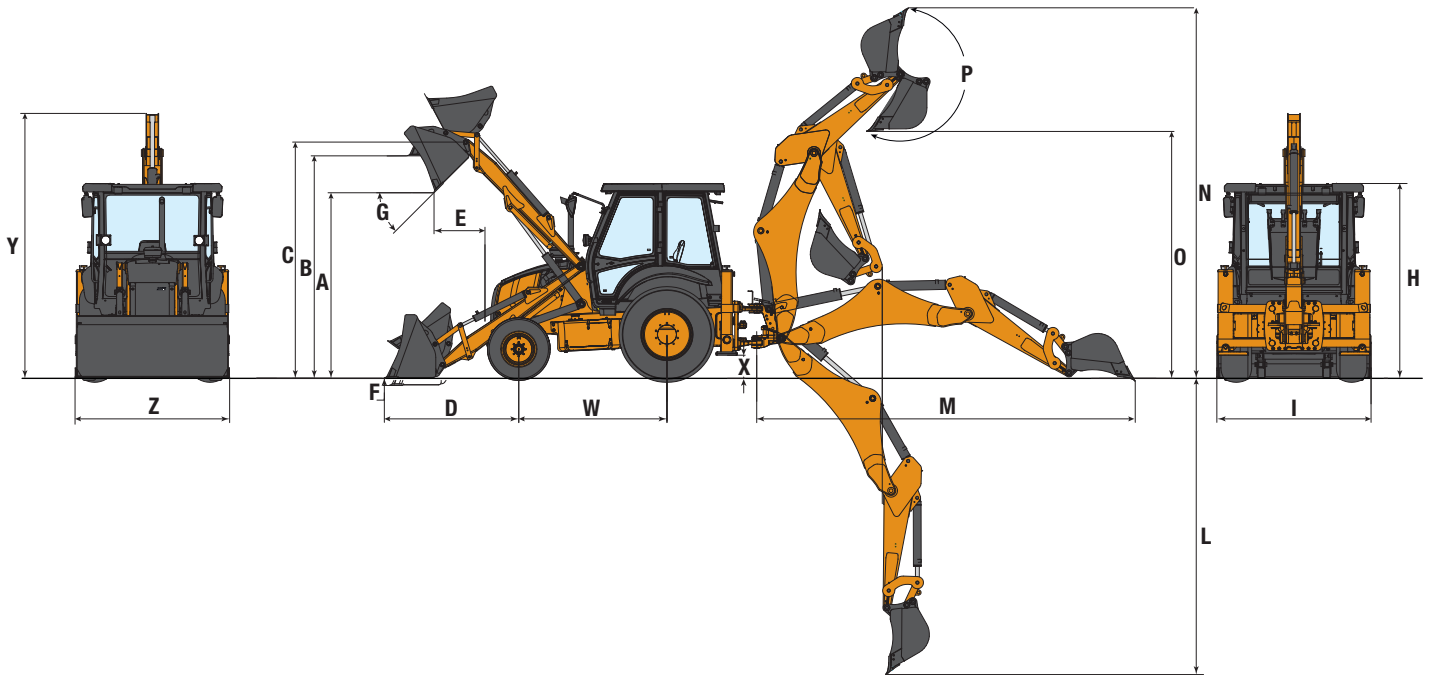
### HYDRAULIC SYSTEM

Type \_\_\_\_\_ Gear pump  
 Flow rate (l) \_\_\_\_\_ 123  
 Pressure (bar) \_\_\_\_\_ 210

### SERVICE CAPACITIES

Engine Oil (l) \_\_\_\_\_ 11  
 Transmission Oil (l) \_\_\_\_\_ 16  
 Rear Axle Oil (l) \_\_\_\_\_ 18  
 Hydraulic Oil (l) \_\_\_\_\_ 130  
 Fuel Tank (l) \_\_\_\_\_ 142  
 Coolant (l) \_\_\_\_\_ 20

**GENERAL DIMENSIONS**



**LOADER**

A Dump height	mm	2732
B Load over height	mm	3275
C Hinge pin height	mm	3478
D Reach at ground	mm	1980
E Reach at full height-bucket dumped	mm	751
F Below ground level-dig depth	mm	106
G Dump angle	°	45
Loader bucket breakout force	kgf	6570
Maximum lifting capacity @ max height	kg	3700

**OVERALL DIMENSIONS AND WEIGHTS**

H Cab height	mm	2868
I Overall width	mm	2271
Overall operating weight	kgs	7710
W Wheel base	mm	2181
X Minimum ground clearance	mm	399
Y Overall height (Transport)	mm	3901
Z Width over bucket (Transport)	mm	2277

**BACKHOE**

		<b>STD DIPPER</b>	<b>EXTENDAHOE DIPPER</b>
L Max.dig depth	mm	4363	5583
M Reach ground level to swing center	mm	5574	6695
N Max working height	mm	5455	6195
O Max load over height	mm	3636	4376
P Bucket rotation	°	204	204
Bucket breakout force	kgf	5630	5630
Dipper digging force	kgf	4300	4300 (retracted)

**OPTIONAL  
BUCKETS**

	<b>Capacity (SAE L)</b>
Loader GP	1000
Loader GP	1100
Loader	1200
4 x 1 Loader	1000
12" (300 mm) backhoe trenching	80
18" (450 mm) backhoe trenching	120
24" (600 mm) backhoe trenching	180
30" (760 mm) backhoe trenching	260
36" (910 mm) backhoe trenching	300

