

**T SERIES ONLY LOADER  
570ST**

**CASE**  
CONSTRUCTION



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NEW ONLY LOADER**

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**SINCE 1842**

# 570ST ONLY LOADER

## 570ST OL 4WD

### ENGINE

Engine model code	FPT S8000
Type	Turbocharged aftercooler
Bore x stroke	104 x 115 mm
Displacement	3.9 l
Compression ratio	18.3:1
Horsepower - rated at 2200 RPM	96 hp
Maximum torque at 1300 RPM	420 Nm
<b>ENGINE SPEEDS</b>	
Rated speed, full load	2200 RPM

### POWERTRAIN

#### TRANSMISSION - STANDARD

Model	CARRARO 4WD	
Type	Mechanical Power Shuttle with 4 forward and 4 reverse travel gears	
GEAR	Forward (speed kmph)	Reverse (speed kmph)
1 <sup>st</sup>	6.2	7.4
2 <sup>nd</sup>	10	12
3 <sup>rd</sup>	20.7	24.8
4 <sup>th</sup>	39.2	Not Recom.

### FRONT AXLE

#### 2 WHEEL DRIVE - STANDARD

Model	CNH PS1300
Type	Steering

#### 4 WHEEL DRIVE - OPTIONAL

Model	Carraro 26.17
Type	Steering

### REAR AXLE

Make & Model	CARRARO 28.32M
Type	Rigid

### BRAKES

#### SERVICE BRAKES

Type	Wet multi-discs
No. of discs	6

#### PARKING BRAKES

Type	Manual, with lever
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### TYRE SIZE

#### RECOMMENDED

Standard - Front	9.0x16 - 16 PR
Standard - Rear	16.9x28 - 12 PR
Heavy duty - Front	12.5x18 - 12 PR
Heavy duty - rear	14x25 - 20 PR

### HYDRAULIC SYSTEM

Type	Gear pump
Flow rate	145 lpm @2200 RPM
Pressure	210 Bar

# SPECIFICATIONS

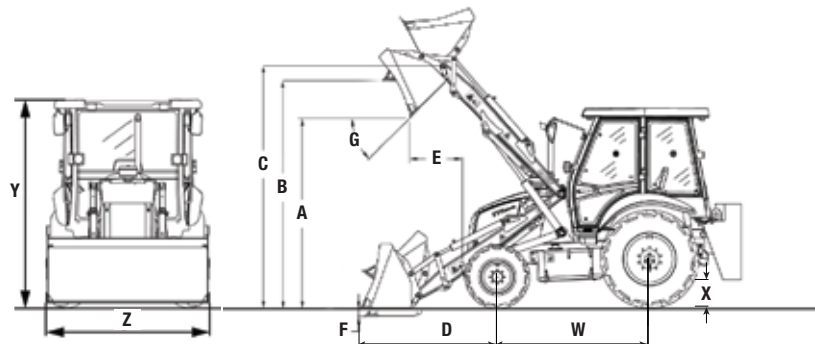
## STEERING

		570ST OL 4WD
Type		Power Steering
System pressure		140 Bar
Displacement		125 cc
<b>TURNING RADIUS</b>	<b>(Outside of the Bucket)</b>	
With Brake		4.6 m
Without Brake		5.6 m
<b>TREAD WIDTH</b>		
Front		1.9 m
Rear		1.7 m
<b>LOADER BUCKETS</b>		
Capacity(GP/BDB)		1.0 Cum.
Width		2.3 m
Weight		485 kg

## SERVICE CAPACITIES

Engine oil	9.1 Ltr
Transmission oil	21 Ltr
Front Axle oil	9 Ltr
Rear Axle oil	17 Ltr
Hydraulic oil	110 Ltr
Fuel tank	129 Ltr
Coolant	24 Ltr

## GENERAL DIMENSIONS



## LOADER

		570ST OL 4WD
A	Dump height	2.72 m
B	Load over height	3.27 m
C	Hinge pin height	3.58 m
D	Reach at ground	1.98 m
E	Reach at full height-bucket dumped	0.76 m
F	Below ground level-dig depth	0.098 m
G	Dump angle	45°
	Maximum lifting capacity @ max height	3425 kg
	Bucket capacity	1 Cum.
	Pay load	2050 kg
	Maximum lifting capacity @ max height	3425 kg

## BOTTOM DUMP BUCKET

This multipurpose bucket is ideal for digging, loading, dozing, backfilling, grading and grab operation.

Bucket width outside	2.3 m
Width of dozer blade	2.3 m
Maximum clamp opening	0.9 m
Bucket capacity (SAE HEAPED)	1.0 Cum.
Dump height	2.7 m

## OVERALL DIMENSIONS AND WEIGHTS

	Overall operating weight	7350 kgs
W	Wheel base	2.17 m
X	Minimum ground clearance	0.4 m
Y	Overall height (Transport)	2.87 m
Z	Width over bucket (Transport)	2.27 m



## PARTS AND SERVICE

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