

**EUROPEAN  
TECHNOLOGY**



**WORKMASTER 105**

**MASTER OF  
ALL FIELDS**



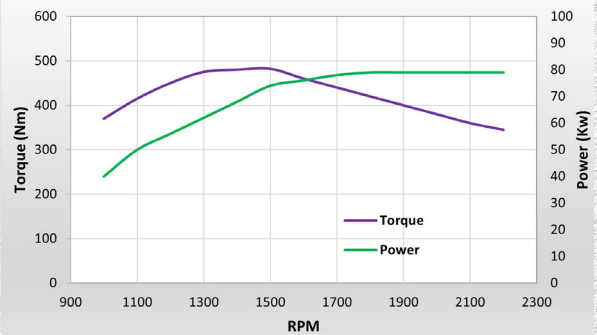
**India's first-ever 100+ hp TREM-IV | 15000+ units sold in USA**  
**Crafted for advanced implements - Forage Harvester & Baler**

***MASTER***  
***OF POWER AND***  
***PERFORMANCE***



### POWERFUL ENGINE

Powered by 3.4L, 4-cylinder, 16-valve TREM-IV, Fiat Powertrain Technologies (FPT) engine.



### MORE POWER AND TORQUE

Exceptional fuel economy and high power at low engine RPM (1800 RPM) with flatter torque for operational flexibility.



### CRPM PROGRAMMABLE ENGINE SPEED

Engine can memorize up to 2 preset engine RPM. This allows faster maneuvering and increases efficiency during field work.



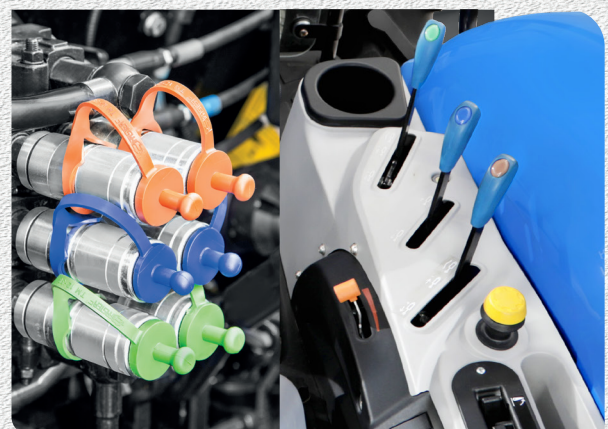
### HIGH-PRODUCTIVITY POWER SHUTTLE

The 20F + 20R Power Shuttle Transmission provides four synchronized gears with 0.29 kmph minimum creeper speed.



### UP TO 3500 KG LIFT CAPACITY

The 3500 kg lift capacity with dual assist ram cylinders lets you handle large and advanced implements.



### FASTER HYDRAULIC CYCLE TIME

The 64LPM high flow pump powers 3 remotes and a three-point hitch, with color-coded remotes and levers for ease.

# MASTER OF COMFORT

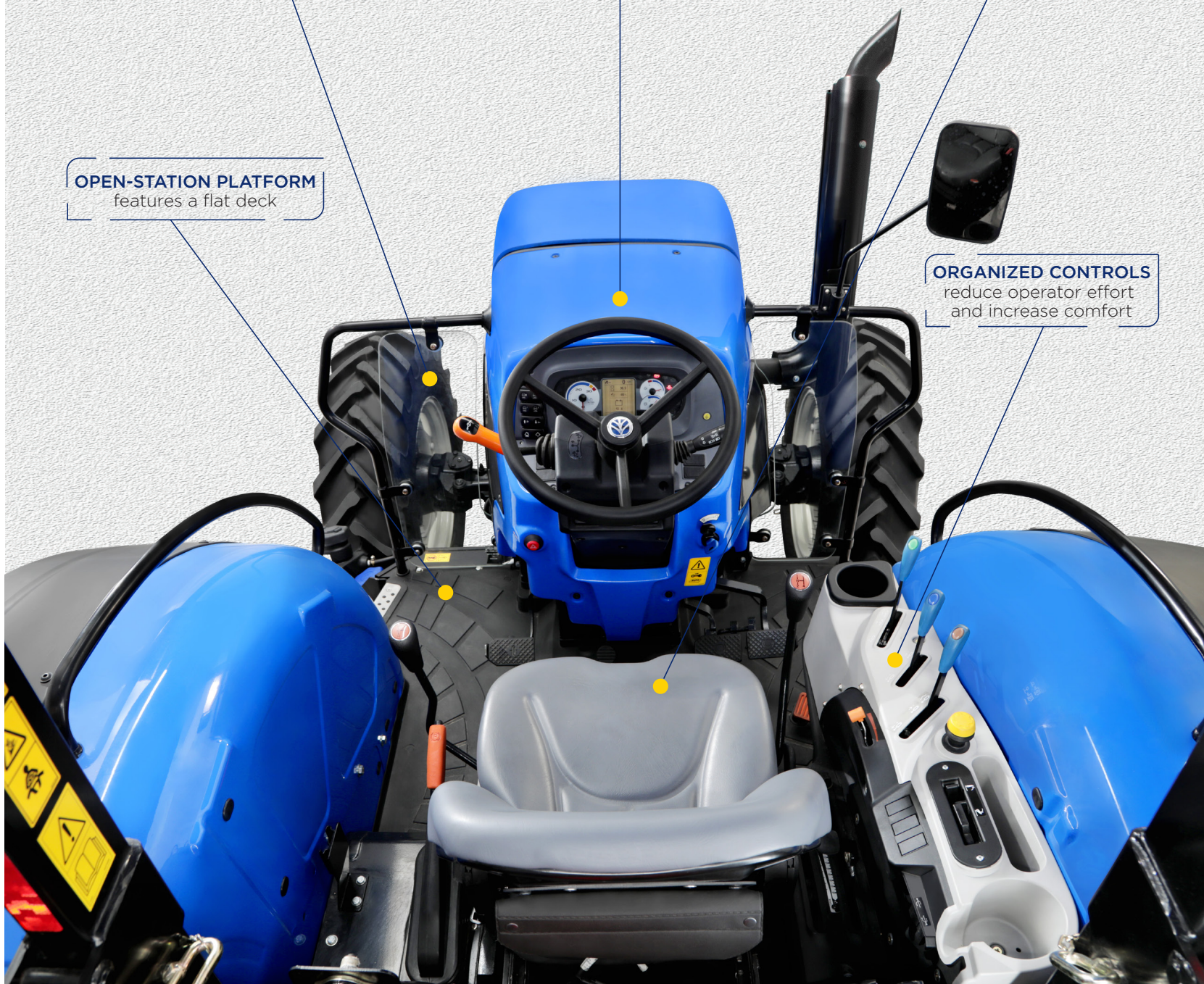
**THE HEAT GUARDS**  
protect you from dust & dirt  
and cut engine noise

**TILT STEERING WHEEL**  
lets you dial in the optimum  
position for comfort

**AIR SUSPENSION SEAT**  
is a comfy place to work

**OPEN-STATION PLATFORM**  
features a flat deck

**ORGANIZED CONTROLS**  
reduce operator effort  
and increase comfort



# MASTER OF SAFETY



## ROPS AND FOPS

Equipped with Roll-over and Fall-over Protection System ensuring protection of the operator.



## PTO INTENTION SWITCH

Engine shuts down automatically if the operator leaves the seat unintentionally while operating PTO applications, avoiding possible harm or injury.



## AUTO 4WD BRAKING

When both brakes are applied simultaneously, 4WD engages automatically, providing extra stability.



## SEATBELT

Comes with a seatbelt that keeps you safe all the time during operations.

**MASTER**  
**OF RELIABILITY**  
**& DURABILITY**



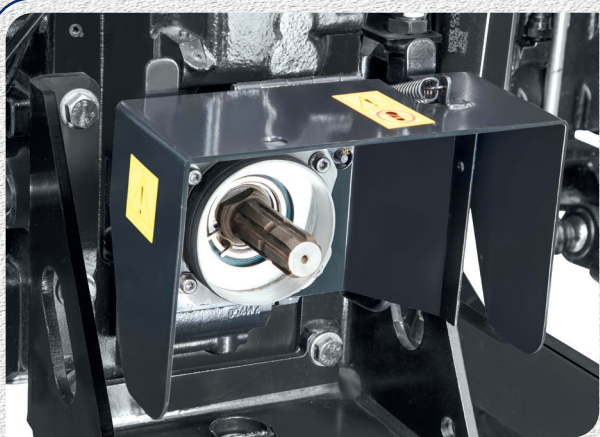
#### DRY TYPE FILTER WITH AUTO CLEANING

Ensures effective air filtration and automatic cleaning, ensuring a long engine life.



#### MULTI-DISC WET MAIN AND PTO CLUTCH

Better frictional heat dissipation with multiple wet clutch plates, ensuring a longer clutch life.



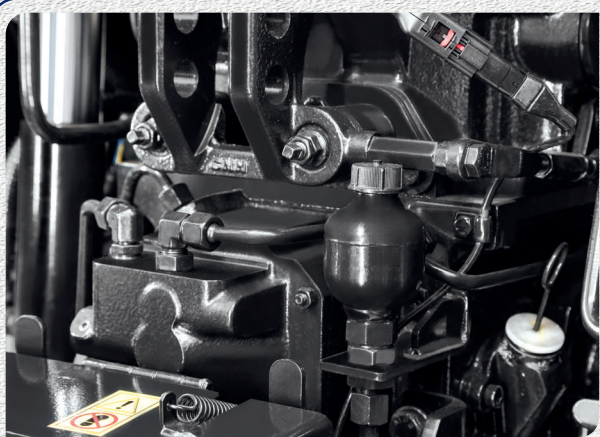
#### AUTOMATIC SOFT PTO START

With Automatic Soft Start, the PTO gradually increases the RPM, ensuring no sudden jerk on tractor and implement.



#### HEAVY-DUTY FRONT AXLE

The Heavy-Duty Front Axle is ruggedly built, with a 4370 kg dynamic load bearing capacity.



#### PNEUMATIC SHOCK ABSORBER FOR HYDRAULICS

The absorber helps to prevent unforeseen structural breakdowns due to unwanted sudden shocks coming on the hydraulics.



#### FORCED LUBRICATED TRANSMISSION

Better lubrication of gear box as compared to normal splash lubrication, ensuring a long tractor life.

# SPECIFICATIONS

<b>Engine</b>	
Engine Model	F5C Bharat TREM Stage-IV
Engine Type	4-Cylinder, 16-Valve HPCR
Engine CC/Bore-Stroke	3387 CC/ 99mm x 110mm
Engine Power	79 kW (106 HP) @2300 ERPM
<b>Air Cleaner</b>	
Air Cleaner	Dry Type with Auto Cleaning
<b>Transmission</b>	
Clutch	Multi disc wet type with Power Shuttle
Gear Box	20F+20R Fully Synchronesh with Creeper gear
<b>PTO</b>	
Clutch	Electro Hydraulic Multi disc wet type
Standard	540 @ 1876 ERPM (Std.)
1000 PTO	1000 @ 2125 ERPM
<b>Hydraulics</b>	
Lift Capacity	3500 kg with Dual Assist Ram
Lift-O-Matic	Yes
<b>Rear Axle</b>	
Rear Axle Type	Heavy-Duty Planetary Reduction
<b>Brakes</b>	
Brake Type	Hydraulically Actuated Real Oil Immersed Multi Disc Brake
<b>Steering</b>	
Type	Power Steering
<b>Tyres</b>	
Front	12.4 in x 24 in (315 mm x 607 mm)
Rear	18.4 in x 30 in (467mm x 762mm)
<b>Electricals</b>	
Information	110 Ah Battery & 120 Amp Alternator
<b>Dimension</b>	
Overall Length (mm)	4125
Width (mm)	2180
Height (mm)	2625
Wheelbase (mm)	2130
Ground Clearance (mm)	410
Weight (kg)	3305
Fuel Tank Capacity (L)	90
<b>Safety &amp; Comfort</b>	
	ROPS, FOPS & Canopy Air suspended adjustable seat with seat belt
<b>Weigh &amp; Hitch*(Optional)</b>	
	70 kg FWC, 8X40 kg FW, 2X50 kg RW (LH & RH) & Swinging Drawbar

**CNH Industrial (India) Private Limited**  
Plot No. 03, Udyog Kendra, Greater Noida - 201306,  
District Gautam Budh Nagar, Uttar Pradesh.

Authorised Dealer



TOLL-FREE NO.  
1800-419-0124

[www.newholland.com/in](http://www.newholland.com/in)

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