

Model	DF-254G2
Manufacturer	Dongfeng
Supplier	Chittagong Builders & Machinery Ltd.
Category	4-Wheel Tractor
Crop(s)	General-Purpose
Website/Link	https://www.facebook.com/cbmltdbd/
E-mail	cbm.group@yahoo.com
Phone Number	+880 1922-117136
Address	2 nd Floor, Nawabpur Road 1100 Dhaka, Dhaka Division, Bangladesh


USAID
 FROM THE AMERICAN PEOPLE

ADMI Institute for the Prevention
 of Postharvest Loss
 University of Illinois

 NORTH CAROLINA
 AGRICULTURAL AND TECHNICAL
 STATE UNIVERSITY

 UNIVERSITY OF
ILLINOIS
 URBANA-CHAMPAIGN

 FEED THE FUTURE
 INNOVATION LAB
 Collaborative Research on
 Sustainable Intensification

MICHIGAN STATE
 UNIVERSITY

KANSAS STATE
 UNIVERSITY

Specifications

Page | 2

Item	Value
Tractor Parameters	
Model	DF-254G2
Drive Type	4WD
Overall Dimension LxWxH (mm)	3380×1550×1511
Wheel Track (mm) Front	1100
Wheel Track (mm) Rear	1250
Wheelbase (mm)	1732
Ground Clearance (mm) under front axle	290
Rated Traction Force (N) In Paddy Fields	4200
Rated Traction Force (N) In Dry Fields	6300
Construction Mass (kg)	1650
Min. Turning Radius (m)	3.2
Theoretical Speed (km/h) Forward	1.44, 2.17, 3.48, 5.04, 7.44, 11.24, 18.03, 26.10
Theoretical Speed (km/h) Reverse	1.45, 2.18, 3.50, 5.07, 7.49, 11.32, 18.16, 26.28
Engine Specifications	
Model	3LS25B
Type	3-cylinder, vertical, in-line cylinder arrangement, radiator cooling, 4-stroke cycle
Rated Power (kw)	18.4


USAID
FROM THE AMERICAN PEOPLE

ADMI Institute for the Prevention
of Postharvest Loss
University of Illinois

Collaborative Research on
Sustainable Intensification

MICHIGAN STATE
UNIVERSITY

KANSAS STATE
UNIVERSITY

Rated Speed (rpm)	2400
Bore xStroke (mm)	90x95
Total Displacement (L)	1.813
Drive System	
Clutch	Linkage type dual-function clutch
Gear Box	(4+4)×2 shuttle shift gear and synchromesh gearbox
Main Drive	One pair of spiral bevel gears
Differential	Bevel gear
Differential Lock	Jaw lock
Final Transmissions	Spur gear, external gearing
Traveling Mechanism	
Tire Front	6.00-12
Tire Rear	9.5-24
Steering Gear	Full hydraulic power steering
Brake	Disc type
Hydraulic System	
Lifting Capacity at 610mm behind Lift Point (kg)	432
3-Point Suspension	Category: I
P.T.O. Shaft	
Rotating Speed (rpm)	540/1000
Spline Size	6-Φ35 rectangular spline


USAID
FROM THE AMERICAN PEOPLE

ADMI
Institute for the Prevention
of Postharvest Loss
University of Illinois

NORTH CAROLINA
AGRICULTURAL AND TECHNICAL
STATE UNIVERSITY

UNIVERSITY OF
ILLINOIS
URBANA-CHAMPAIGN

Collaborative Research on
Sustainable Intensification

MICHIGAN STATE
UNIVERSITY

KANSAS STATE
UNIVERSITY