

Model	DF-18LM Power Tiller, Walking Tractor
Manufacturer	Dongfeng
Supplier	Chittagong Builders & Machinery Ltd.
Category	Land Preparation
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



MICHIGAN STATE
 UNIVERSITY

KANSAS STATE
 UNIVERSITY

Specifications

Page | 2

Item	Value
Structure weight without rotavator (kg)	390
Structure weight with rotavator (kg)	495
Working weight with rotavator (kg)	535
Turning speed of rotary shaft (rpm)	188
Overall dimensions(L×W×H) (mm)	2680×960×1290
Number of blades	18
Rototilling width (mm)	600
Riding system	Normal
Type of tractor	Single axle, dual-purpose for both traction & drive
Main gearbox	(3+1)×2
Traveling speed	
Forward (km/h)	1.5, 2.7, 4.4, 5.7, 10.2, 16.5
Reverse (km/h)	1.1, 4.1
Tire size	6.00-12
Wheel track (mm)	800, 740, 640, 580 (normally use 800)
Min. ground clearance (mm)	185
Min. turning radius (m)	0.9 (with no rotavator)
Model of engine	ZS1110N


USAID
FROM THE AMERICAN PEOPLE

ADMI
Institute for the Prevention
of Postharvest Loss
University of Illinois

**UNIVERSITY OF
ILLINOIS**
URBANA-CHAMPAIGN

Collaborative Research on
Sustainable Intensification

**MICHIGAN STATE
UNIVERSITY**
**KANSAS STATE
UNIVERSITY**

Type of engine	Single-cylinder, Horizontal, 4-stroke, Direct injection, Water cooling
Bore ×stroke (mm)	110×115
Total displacement (L)	1.092
Compression ratio	17:01
Turning speed of crankshaft (rpm)	2000
Rated output (hp)	18
Specific fuel consumption (g/kW. H)	253.8
Specific lube oil consumption (g/kW. H)	≤2.72
Cooling mode	Condenser (Radiator)



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