

CHALLENGER HEAVY DUTY

ROTARY TILLER

Salient Feature

- Challenger HD rotary tiller is a secondary tillage implement offering best in class pulverization and optimum seed germination.
- Equipped with heavy duty multispeed gear box for wider range of rotor speed.
- Ensures excellent cutting and mixing of crop residue.
- Renowned 13x23 Crown pinion for heavy duty work.

World's only rotary tiller with robust dual tubular & angular support for eliminating mechanical vibrations to almost zero.

Bigger & Strong (8 Module 13 x 23)
CROWN & PINION



Big Size Bearings



More Stronger (55 mm Big Dia)
TRANSMISSION SHAFT



Available for
Subsidy by
Agri. Deptt.



#T&C apply

CHALLENGER HD

ROTARY TILLER



TECHNICAL SPECIFICATION

SIZE	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET
Tillage width (in/cm)	59/149	69/175	79/200	87/220	106/269	114/291
Total Width (in/cm)	70/179	80/204	90/230	98/249	118/298	126/320
Total Length (in/cm)	35/90	35/90	35/90	35/90	35/90	35/90
Height (in/cm)	44/112	44/112	44/112	44/112	44/112	44/112
Weight (KG) Approx	410	442	484	536	570	640
PTO Speed RPM	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
No. Of Blades	36	42	48	54	60	66
Types of Blades	L	L	L	L	L	L
Suitable Tractor HP	45+	55+	65+	75+	80+	90+
3-Point Hitch Type	Cat-II	Cat-II	Cat-II	Cat-II	Cat-II	Cat-II
Transmission type	GEAR	GEAR	GEAR	GEAR	GEAR	GEAR
Rotor tube diameter (in/cm)	3.5/9	3.5/9	3.5/9	3.5/9	3.5/9	3.5/9
Rotor Swing dia (in/cm)	18/46	18/46	18/46	18/46	18/46	18/46
Driveline safety Device	SHEAR BOLT	SHEAR BOLT	SHEAR BOLT	SHEAR BOLT	SHEAR BOLT	SHEAR BOLT

#4 no. of damper spring for 7 feet & above variants.

*The Product & Specifications are subject to change/discontinue without any notice on the sole discretion of manufacturer.



DUO CONE MECHANICAL OIL SEALS



AVAILABLE WITH L&C TYPE BORON STEEL BLADES



BIGGER & STRONG CROWN & PINION

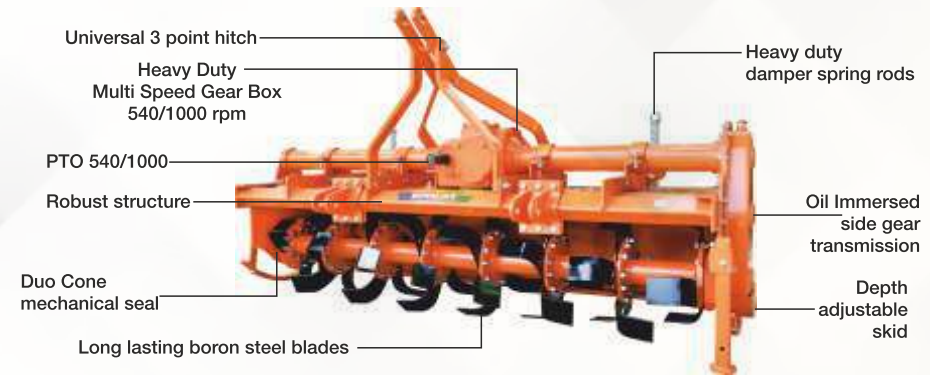


HEAVY DUTY Z TYPE TRAILING BOARD



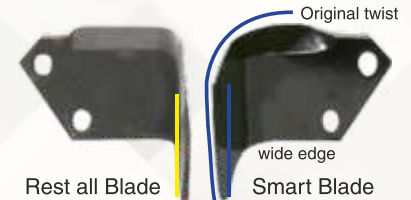
OIL IMMERSSED SIDE BEARING

WALK AROUND CHALLENGER HD



ROTOR SPEED CHART FOR MULTI SPEED CHALLENGER		CHALLENGER SERIES	
A	B	540 r.p.m.	1000 r.p.m.
13	22	—	238
15	20	163	—
16	19	183	—
17	18	206	—
18	17	231	—
19	16	259	—
20	15	291	—
—	—	218	—

Boron Steel Blades



- 20% longer life.
- Hard to break & bend.
- Saves money & time.

AVAILABLE IN SINGLE & MULTISPEED

SONALIKA INDUSTRIES

(A UNIT OF INTERNATIONAL CARS & MOTORS LTD.)

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Auth. Dealer