

LEADER OF ADVANCED  
AGRICULTURE

**TerraForce**

***Rotary Tillers***

- Forward & Reverse Type
- Gear & Chain Drive Type
- Multi Speed Type



# Company background

Terraforce tiller, Youngjin Machinery Co., Ltd, has been involved, since the foundation in 1975, in the developing and distribution of farm & landscaping equipments in the Korean market for 35 years.

To accompany Korean Government's New-Town-Innovation Policy for the mechanized farming, Terraforce tiller has been developing farm equipments along with tractor makers, such as Daedong/Kioti, TYM in Korea.

In 1990, through the technical cooperation with Niplo, Japan, Terraforce tiller's farm equipments has been exported to Japan, and in the year 2000, Korea International Trade Association awarded Terraforce tiller's effort.

Terraforce tiller is ready to meet global customers' requirement at any time with the capable engineers supported by PRO-e CAD system and automized laser cutters, robot welders and CNC bending machines.

Terraforce tiller welcomes always the advices.



**Laser Cutting M/C**



**The Latest Painting Line**



**Machine Center for Spiral Bevel Gear**



## Contents

### **YJR Series** 4-5

- YJR 062
- YJR 074
- YJR 080
- YJR 090

### **YJC Series** 6-7

- YJC 052
- YJC 062
- YJC 074

### **GM Series** 8-9

- GM 080
- GM 090
- GM 102

### **SR Series** 10-11

- SR 052
- SR 060
- SR 072

# TerraForce

YJR Series

**5** YEAR  
Limited  
GEARBOX  
WARRANTY



YJR 062 / 074 / 080 / 090  
26~90 HP(62", 74", 80", 90")



# MODEL : YJR 062/074/080/090 – GEAR DRIVE TYPE

## FEATURES

- ▶ Special Group Seal System to protect driveshaft leakage
- ▶ Minimized Tillage-resistance by blades arrangement



- ▶ Effective tillage-work by side gear driving system  
Specially designed side gear pin to allow maximum power efficiency



## SPECIFICATIONS

Units : Inch, Lbs, Ea

Model	YJR 062	YJR 074	YJR 080	YJR 090
Recommended Tractor Hp	26~35	46~52	50~80	60~90
Tiller Size	Length	27.6	38.2	41.3
	Width	68.9	80.1	87.4
	Height	33.5	44.5	48.2
Weight	593	919	1064	1124
Tilling Width	62	74	80	90
Tilling Depth(Max)	7	8	8	8
No. of Flanges	8	7	8	9
No. of Blades	48	42	48	54
Hitch	Cat. I & II	Cat. I & II	Cat. II	Cat. II
Rotor Swing Diameter	17.3	20.4	20.4	20.4
Rotor Shaft Speed	168	146	178 rpm at 540 rpm PTO	

※ Specifications, designs and dimensions are subject to change without prior notice.

# TerraForce

YJC Series

**5** YEAR  
Limited  
GEARBOX  
WARRANTY



YJC 052 / 060 / 074  
15~50 HP(52", 60", 74")



## MODEL : YJC 052/062/074 – CHAIN DRIVE TYPE

### FEATURES

- ▶ High strength and longer lasting durability by specially designed side chain drive
- ▶ Light weight with reinforced frame
- ▶ Field selectable Cat 0 & 1 type lower hitch
- ▶ Standard slip-Clutch shaft to protect tractor



### SPECIFICATIONS

Units : Inch, Lbs, Ea

Model	YJC 052	YJC 062	YJC 074	Remark
Recommended Tractor Hp	15~35	26~35	35~50	
Tiller Size	Length	22.1	26	26
	Width	57.3	66.2	77.9
	Height	31.9	33.5	33.5
Weight	373	533	588	
Tilling Width	52	62	74	
Tilling Depth(Max)	6 1/2	8	8	
No. of Flanges	6	6	7	
No. of Blades	36	36	42	
Hitch	Cat. 0 & I	Cat. I & II	Cat. I & II	
Rotor Swing Diameter	15.7	19.2	19.2	
Rotor Shaft Speed	256	182 rpm at 540 rpm PTO		

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# TerraForce

GM Series

**5** YEAR  
Limited  
GEARBOX  
WARRANTY



GM 080 / 090 / 102  
50~110 HP(80", 90", 102")

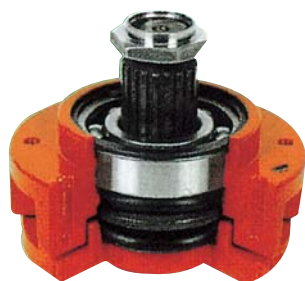
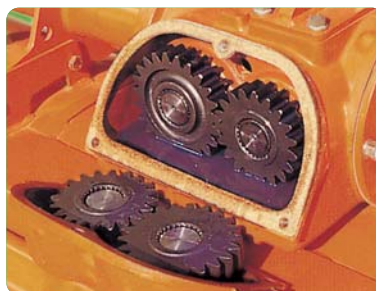




## MODEL : GM 080/090/102 – Multi Speed Rotary Tillers

### FEATURES

- ▶ Low noise, high strength Spiral Bevel with 4 speed gear box
- ▶ High Durable Spline Design



- ▶ Special Triple Group Seal system to protect bearing case from strange-materials in-out

### SPECIFICATIONS

Units : Inch, Lbs, Ea

Model	GM 080	GM 090	GM 102	Remark
Recommended Tractor Hp	50~80	60~90	90~110	
Tiller Size	Length	41.3	41.3	41.3
	Width	87.6	94.9	106.7
	Height	48.2	48.2	48.2
Weight	1171	1279	1737	
Tilling Width	80	90	102	
Tilling Depth(Max)	8	8	9 1/2	
No. of Flanges	8	9	10	
No. of Blades	48	54	60	
Hitch	Cat. II	Cat. II	Cat. II	
Rotor Swing Diameter	20.4	20.4	23	
Rotor Shaft Speed	147 rpm at 540 rpm PTO		148	STANDARD

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# TerraForce

SR Series

**5** YEAR  
Limited  
GEARBOX  
WARRANTY



SR 052 / 060 / 072  
15~50 HP(52", 60", 72")



## MODEL : SR 052/060/072 – REVERSE DRIVE OFFSET TYPE

### FEATURES

- ▶ Greater depth penetration resulting in moving and pulverizing more soil
- ▶ More of the residue in the soil
- ▶ Reverse action 'sucks' tiller into ground does not work on top of hard ground like forward tillers can
- ▶ Variable application in landscaping, nurseries, gardens, and light commercial use



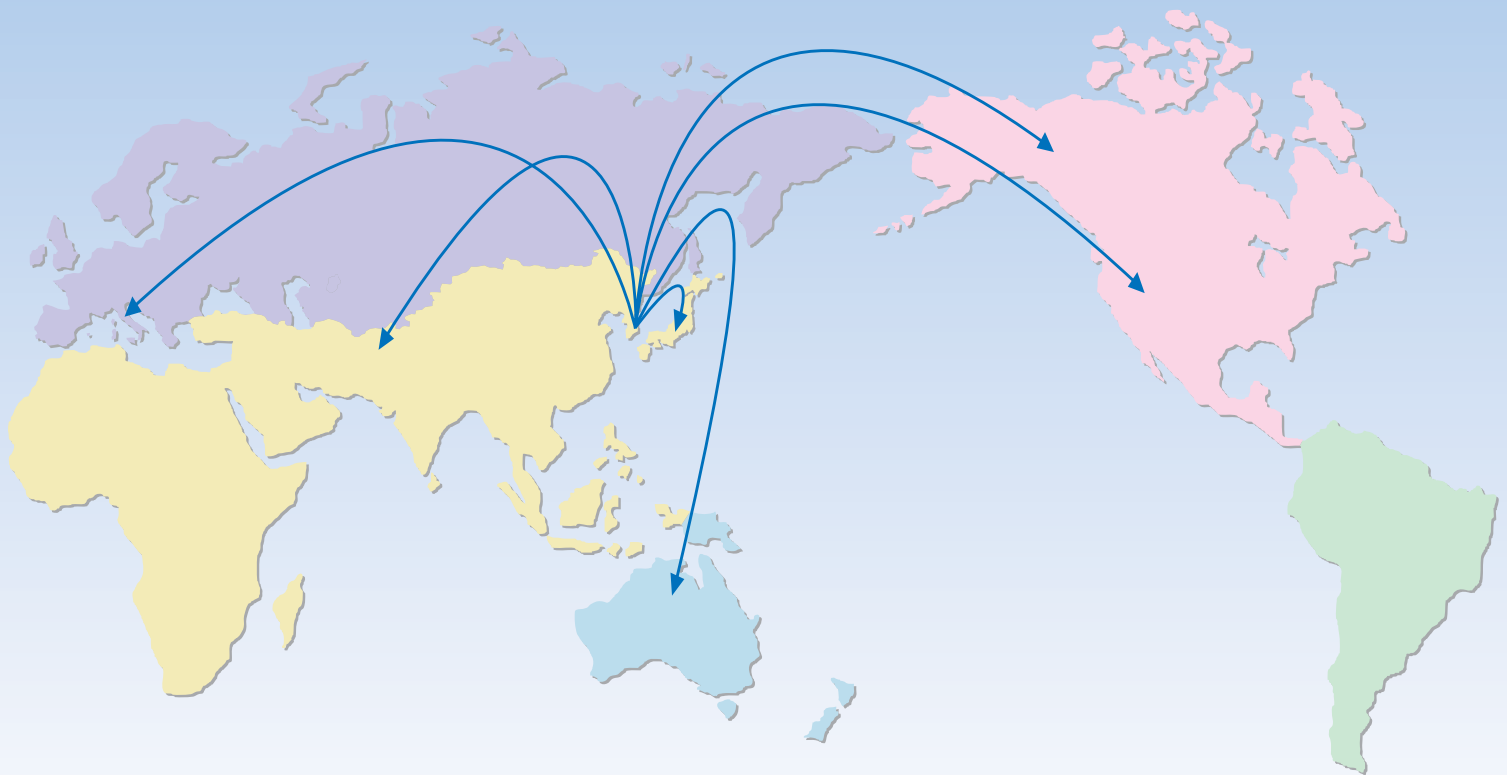
Side Shift

### SPECIFICATIONS

Units : Inch, Lbs, Ea

Model	SR 052	SR 060	SR 072	Remark
Recommended Tractor Hp	15~35	26~35	35~50	
Tiller Size	Length	28.4	28.4	28.6
	Width	58.8	66.5	77.4
	Height	36.6	36.6	38.8
Weight	476	514	633	
Tilling Width	52	60	72	
Tilling Depth(Max)	7 1/2	7 1/2	8	
No. of Flanges	5	6	7	
No. of Blades	30	36	42	
Hitch	Cat. I	Cat. I	Cat. I	
Rotor Swing Diameter	18.1	18.1	19.2	
Rotor Shaft Speed	165 rpm at 540 rpm PTO		148	

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**Red**



**Orange**



**Green**



**Blue**



*Rotary Tillers are available in color to match your tractor.*

**Navy-Blue**



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