

# SCHULTE®

## FX-742 Rotary Cutter



### World's Largest Rotary Cutter at 42' Wide (12.9m)

- 1** 42' (12.8m) cutting width makes those long days short again. Use one cutter where traditionally two or three cutters were needed. Cover more ground, while reducing the number of tractors and fuel required in an operation. Increasing your efficiencies, means more money in your pocket.
- 2** Unique 5-plex design flexibility allows for a completely "road-able" machine at a 118" (3m) transport width.
- 3** Available with stump jumpers for pasture and grass maintenance or with Schulte's Exclusive Fixed Knife System and Baffle Technology for mulching crop residue such as straw, corn or cotton stalks.
- 4** Unmatched reliability with a premium Bondioli & Pavesi SFT drive & gearbox system. 350 HP divider box, 180 HP T-boxes & 210HP right angle down boxes. Triple telescoping outer wings shaft allows for 5 plex design.
- 5** Size 10 main CV with an over running clutch provides worry free shut downs.
- 6** Fully compatible for all row crop cutting in 30", 32", 38", 40" and one metre row spacing.
- 7** A parallel solid tongue hitch maintains even load on the tractor draw bar.
- 8** Comes with ten 11 x 15 x 12Ply rated tires (8 rear and 2 forward on castors).

WORLD CLASS - BUILT TO LAST

# Features



- Pasture & Airport Maintenance -

- Schulte's unique layout arrangement allows for independent clutch protection for each down rotor
- Sloped back design improves spread of cut material
- Spun formed stump jumpers for perfectly balanced pans
- Replaceable pentagon blade bolt bushings for pan unit
- Floating hitch and rubber grommet suspension
- Low maintenance SFT Bondioli driveline and Bondioli gearboxes
- Only 4 grease zerks on mechanical parts of the machine
- Deck protection rings on center and inner wings
- Full rubber grommet suspension across the entire unit reduces shock loading and maintains even cutting, even in the roughest of conditions
- 10 gearbox layout with 7 slip clutches
- Rotor layout optimizes cutting performance
- A continuously welded 10 gauge domed deck adds strength and durability while reducing debris and water build up on the top of the deck
- Adjustable wheel standards for different row crop spacing
- Easy to use safety lock up



- Fixed Kinfe System Shown - (Open View)



- Walking Axles Shown -



- Can accommodate 12 rows -



- Adjustable wheel standards for row crop spacing -

Quality • Service

# FX-742

## Excellent Shredding and Distribution



- FX-742 shattering cotton stalk -



- Wheel standards adjust to most row spacing
- One year full warranty coverage with 3 year limited gearbox warranty
- With Schulte's Fixed Knife System, shredding & distribution is unmatched
- Greaseless Garmax MLG bushings and nitrided pins minimize service time
- Hydraulic phasing and mechanical hybrid lift system with hydraulic depth control
- Schulte's unique driveline arrangement allows for independent clutch protection for each down rotor



- Wing lock up -



- Parallel solid tongue hitch -



- In grass straw -



- Rubber grommet suspension -



- Adjustable front castor wheels -



- 180hp divider box allows for unique driveline layout -

Value • Trust

# FX-742 Specifications

## SPECIFICATIONS

<b>FX-742</b>	
Cutting Width	42ft (12.8m)
Overall Width	42.9ft (13.1m)
Overall Length	24.25ft (7.4m)
Cutting Height	2" - 16" (51mm - 406mm)
Transport Width	118" (3m)
Row Crop Wheel Trans. Width	146" (3.7m)
Transport Height	165" (13.75 ft or 4.2 m)
Weight	18,000lbs (8165 kg)
	depending upon configuration
Hitch Weight	6,500lbs (2950 kg)
	depending upon configuration
Cutting Capacity	2" (51mm)
Minimum Tractor Size	250 hp (186 kW)
	ensure drawbar can support weight
Blade Tip Speed	16,300 ft/min (4970 m/min)
Blade Overlap	6.5" (165mm)
Divider Box Rating	350 hp (261 kW)
T Box Ratings	180 hp (134 kW)
Down Box Ratings	210 hp (157 kW)
Deck Thickness	.134" (10 ga) (3.4mm)
Skirt Thickness	1/4" (6.4mm)
Inside Wing Operating Range	11° down to 13° up
Outside Wing Operating Range	8° down to 10° up

Divider Boxes have 1.75" 20 Spline input and output shafts  
Down Boxes have 1.75" 20 Spline input shafts and 2.375" down shafts

Tractor 80 degree CV shaft with 1 3/4" 20 spline coupler with over running clutch is standard



- Stump jumper unit shown above -



- Fixed knife unit shown above -



- Optional Deck Debris Fan Kit -



- New Standard Stubble Proof Tire -

## FX-742 OPTIONS

Stump Jumper Unit, Fixed Knife Unit, Single chains front and rear, Single chains front and rear with front rubber belting, Front and Rear rubber belting only, 3 meter wheel extensions or Row crop wheel extensions, Cyclone Deck Debris Fan Kit, Through Axle Kit - 10 stubble proof tires, Walking Axle Kit - 14 Stubble proof tires.



**Schulte Industries Ltd.**

P.O. Box 70, Englefeld, Saskatchewan, Canada S0K 1N0

Tel: (306) 287-3715 Fax: (306) 287-3355

E-Mail: [info@schulte.ca](mailto:info@schulte.ca)

Visit our Web site at: [www.schulte.ca](http://www.schulte.ca)

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PRINTED IN CANADA

PREPARED by NELSON GRAPHIC DESIGN

201403