

# SCHULTE®

## FLX15/FLX10 FLEX ARM



- US patent #6,739,612. Patent Pending in Canada -

## Safety Operator Comfort & Performance



- Narrow Transport Width -

- 1** Increase operator safety, comfort and performance with the revolutionary Schulte Flex-Arm. The Schulte Flex-Arm allows the operator to travel on the road while the Schulte 10' or 15' rotary cutter cuts the ditch slope.
- 2** The tractor does not have to ride on the ditch slope so rollovers are very low risk. As an added bonus, wear and tear on the tractor is greatly reduced.
- 3** Operator comfort is greatly increased. Operators who have had a chance to use the Schulte FLEX-ARM say comfort & safety are the best features.
- 4** Visibility is improved. The operator is placed in a better position to view obstacles before the rotary cutter reaches them.
- 5** The FLEX-ARM and Schulte cutter can be used in wet conditions, which could make cutting more difficult if the tractor had to ride on the slope.
- 6** Because of the unique way in which the FLEX-ARM is attached to the rotary cutter, it can be easily backed up to cut around approaches and other obstacles.

G O N U M B E R O N E . . . G O S C H U L T E !

# Safety Operator Comfort & Performance



The Schulte FLEX-ARM has a number of unique features that are only possible because of the close integration of the Schulte FLEX-ARM and Schulte rotary cutter. The FLEX-ARM is not just a simple hitch frame, it attaches to the rotary cutter by means of a strut that does not allow the rotary cutter to pivot in relation to the arm. This feature **allows the arm and rotary cutter to be easily backed up.**

A **parallel link system** moves the forward section of the hitch allowing tight turning both in working and transport position.

The **parallel link system** also moves the gearbox mounting plate which helps maintain the best possible universal joint angles through the full motion range of the arm. Drive train life is best when the arm is used in the normal offset position, however it can be used intermittently up to the fully retracted position.

On the FLX15, a **link system** moves the inside castor wheel in and out in order to minimize transport width.

Because of the wider than normal transport width on the ditch side, a full set of safety lights is included with the arm.

A better cut is possible with the Schulte FLEX-ARM. **There is only a single castor wheel in front of the cutter and it is ideally located to maximize quality of cut.** Without the FLX15/FLX10 arm the tractor tires pack down material, especially on wet slopes, and it is much more difficult to cut.

The FLEX-ARM can be **extended and retracted while the tractor maintains a straight path** allowing the operator to clear obstacles.

## SPECIFICATIONS

- Heavy duty, 31 x 13 x 12, 20 ply aircraft tires**
- Offset distance for the FLX15 is 36" to 122"**
- Offset distance for the FLX10 is 12" to 88"**
- Large 2-1/2" diameter castor pivot spindles**
- 6000 lb capacity, 6 bolt hubs**
- Spring steel bushings at all major pivot points**
- Hoses provided for routing of 3 hydraulic circuits**
- 3 X 24 3000 psi, hydraulic cylinder on FLX15**
- 3 X 20 3000 psi, hydraulic cylinder on FLX10**
- Weight of FLX15 arm is 1850 lbs**
- Weight of FLX10 arm is 1650 lbs**
- Safety light kit**
- Bolt-in replacement axles**

## OPTIONS

- Six port selector valve kit for independent wing action with limited tractor hydraulics
- Bolt-on/weld-on strut mount for XH1500, XH1000, S150, S100 rotary cutters manufactured before 2003



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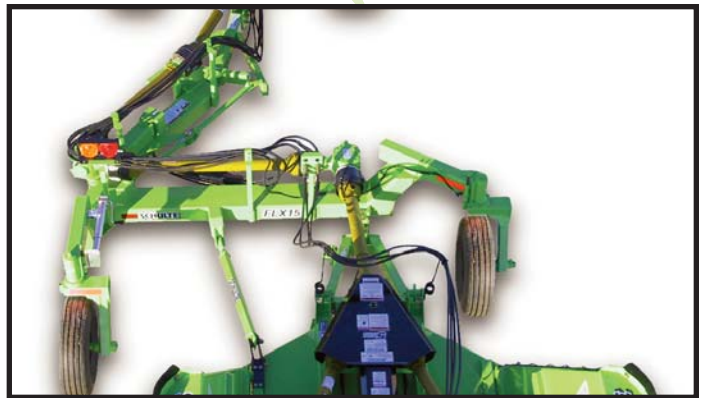
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## TECHNICAL FEATURES

The arm can be easily removed from the rotary cutter by removing bolts at the hitch and at the stabilizer strut.

The FLEX-ARM package **does not require any additional CV assemblies.** The operator uses the tractor CV power shaft that came with the rotary cutter, whether it is 1000 or 540 RPM. The arm simply delivers the power to the cutter. The same drive train is used for both 540 and 1000 RPM drives.

Drive shafts are European size 8 with 1-3/4 Z20 splined shafts throughout. The drive train has a continuous power rating of **200 HP.**



Heavy duty castor wheel assemblies & Strut



Bolt-in replacement axles



Precision hitch connection



Optional six-port selector valve kit



Transport lock

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