

SCHULTE[®]

INDUSTRIAL GRADE

FLX-1510



FLX-1510 FLEX ARM



Shown with XH1000 Series 3

- 1** The Schulte FLEX ARM allows the operator to travel on the road while his Schulte 10' or 15' rotary cutter cuts the ditch slope. This new generation FLEX ARM can accommodate either 10' or 15' flex wing mowers.
- 2** The tractor does not ride on the ditch slope reducing the risk of roll-overs. As an added bonus, wear and tear on the tractor is greatly reduced.
- 3** Operators who have had a chance to use the Schulte FLEX ARM all agree that increased comfort and safety are its best features.
- 4** Visibility is improved. The operator is in a better position to react to obstacles before the rotary cutter reaches them.
- 5** The FLEX ARM makes it possible to use the rotary cutter in wetter conditions than normal since the tractor does not have to ride in the sloped ditch.
- 6** No need to unhook! The FLX-1510 can tow directly behind the tractor.

WORLD CLASS...BUILT TO LAST

Features

The Schulte FLX-1510 FLEX ARM has a number of unique features The FLEX ARM is not just a simple hitch frame. It attaches to the rotary cutter by means of a hitch tongue and strut so the rotary cutter does not pivot in relation to the arm. This feature allows the rotary cutter and FLEX ARM to be handled as one unit. Maneuverability, especially when backing up is much better than competitive machines.

A parallel link system ensures that the front hitch section is always parallel to the rotary cutter allowing for tight turns both in working and in transport positions.

The Schulte FLEX ARM works with the rotary cutter to produce a better cut. There is just one castor wheel in front of the cutter, which is ideally located to ensure the best cut quality. When a tractor alone is used to pull the rotary cutter, there is a greater chance that the tractor tires will pack down material, especially on wet slopes, leaving an uneven cut.

The FLEX ARM can be extended or retracted, while the tractor maintains a straight path, allowing the operator to easily clear obstacles.

The FLEX ARM does not require any additional CV assemblies. The tractor CV that comes with the cutter is moved forward to the FLEX ARM.



Schulte's new generation FLX-1510 sets the standard in offset mowing technology. This FLX-1510 incorporates a set of swivel gearboxes & one right angle gearbox to allow smooth transmission of power in any direction from directly behind the tractor to fully offset to the right.

An optional left hand version is available upon request.

The Schulte FLX-1510 provides an offset arm that keeps the mower close to the tractor - only 10' away. This makes visual operation of the mower simple and easy unlike competitive designs.



A patented strut arm keeps the arm & mower as one unit. This patented strut arm, in conjunction with the castor wheels, makes movement around signs, bridges and obstacles as easy as a pull of a hydraulic lever. Backing up is a breeze as there is only one pivot point, unlike competitive units.

The Schulte FLX-1510 allows the tractor to travel on the road while the Schulte 10' or 15' cutter works on the ditch slope. Having the tractor operate from the top of the road reduces rollovers, reduces wear and tear on the tractor, improves operator visibility and greatly improves operator comfort.

Features

The FLX-1510 FLEX ARM is the second generation of Schulte's patented design. It improves on the original FLEX ARM in a number of ways:

The rotary cutter is now brought directly in line with the tractor for road transport.

Swivel gearbox sets are now used so that power delivery is equally smooth in all positions of the FLEX ARM. The FLEX ARM can be smoothly extended or retracted under full power.

The FLEX ARM comes complete with all components necessary to configure it for operation with a 10' or 15' rotary cutter.

The second generation FLX-1510 FLEX ARM offers increased safety, operator comfort and cutting performance.



Higher Clearance

The Schulte FLX-1510 will keep your operators happy, healthy and provide visibility to see oncoming obstacles from a better vantage point.

This new generation flex arm has increased ground clearance. 4" higher than the previous model so even the steepest ditches can be mowed.

Placement of the tires are very important! The left tire tracks on top of the road. This creates a holding position to prevent side drafting. The right tire is placed directly on the hingeline of the center section and right wing, where the blades intersect. This is the best placement for a tire as the blades pick up the only wheel track and prevents almost all stripping. Competitive arms use two tires in the ditch and will tramp down more grass, causing it to strip.



Holding Position

The Schulte FLX-1510 incorporates swivel gearboxes, which means there are no telescoping drivelines to maintain on the frame of the flex arm. The flex arm requires only one cv shaft to operate, and the drive train can accommodate either 540 or 1000rpm mowers.



The Schulte FLX-1510 with its new drive system can mow directly behind the tractor as needed with no driveline vibration

The Schulte FLX-1510 allows for a narrow transport width.



FLX-1510 Specifications

SPECIFICATIONS

- Heavy duty 11L x 15, 12 ply tires with a load capacity of 4000 lbs.
- Cut directly in-line with the tractor or at any offset distance up to 122" (10.16ft)
- Large 2-1/2" castor pivot shaft
- Bolt-in replaceable axles
- Spring steel tension bushings and induction hardened pins at major pivot points
- Minimum of three (3) hydraulic circuits required to operate the FLEX ARM with a 15' or 10' mower
- If independent wing lift is required on a 15' mower then four (4) hydraulic circuits or the optional selector valve kit is required
- Heavy duty 3-1/2 X 36 welded hydraulic cylinder
- Weight of the FLX-1510 is 2557 lbs
- Safety lighting kit
- 6000 lb capacity 6 bolt hubs
- The arm can be easily detached from the rotary cutter by disconnecting the hitch and the stabilizer strut
- Continuous power rating of 200HP at 1000 RPM
- Accommodates 540 or 1000 RPM power delivery from the tractor
- Optional six port selector valve kit for independent wing action or limited tractor hydraulic outlets
- Transport widths:

Arm and rotary cutter.

70" to the left of the tractor and 52" to the right for a total of 121"

Arm alone.

70" to the left of the tractor and 47" to the right for a total of 117"

Arm and rotary cutter with stop block installed on the transport lock bar.

55" to the left of the tractor and 66" to the right. In this configuration the arm is 19" off center

The stop block can be installed when working on narrow roads to improve clearance for oncoming traffic.



Precision Hitch Mounting



Adjustable Clevis Hitch & Tow Chain



Optional selector valve for limited hydraulics

OPTIONS

Six port selector valve, flex arm mount for cutter, hose kit for independent wing lift - for tractors with 4 banks, independent double acting cylinder



Narrow Transport Width



Transport Lock



Safety Lights



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