

2100 Coulter Chisel

REAP BIG BENEFITS OF IMPROVED



# 2100 COULTER CHISEL



## 2100 COULTER CHISEL FEATURES



### *Size heavy residue and eliminate compaction.*

Today's high yielding crops produce large amounts of heavy-residue that must be sized and mixed in the soil to accelerate breakdown. Mixing the residue earlier in the fall with warmer soil temperatures will help the breakdown process.

The 2100 Series Coulter Chisel from Landoll is your answer for these tough conditions. Residue is sized every 7½" with the front coulter gangs. Compaction is eliminated with heavy-duty shanks on 15" spacing. Complete fracturing of the soil will destroy the prior year's root systems, minimizing the allelopathic effect that it may have on the next crop. See how the Landoll Coulter Chisel will perform the ultimate primary tillage pass, setting you up for increased yields the following season.



#### **22" Diameter Coulter Blades**

¼" thick blades offer increased blade life and residue cutting capabilities. 1¾" gang shaft with a spring-loaded end collar ensures gang stays tight. Gangs are mounted on cushioned hangers with triple-lip sealed trunnion style bearings.



#### **Auto-Reset Shanks**

With 1,750 lbs. of point load, 32" of underframe clearance and 14" trip height, the auto-reset shanks are positioned on 15" spacing for optimum residue flow. Optional rigid shearbolt shanks available for non-rocky areas and lighter soils. Each shank is positioned behind a coulter blade. Polymer bushings are utilized in all pivot areas and wear points, eliminating metal to metal contact.



#### **Rock Shaft**

Pivots on UHMW (Ultra-High-Molecular-Weight) material, eliminating any metal to metal contact and the need for greasing.



#### **Heavy-Duty Shank Mounts**

Designed to wrap around the frame, reducing stress on the bolts and frame. Offset shank mounts on the back row are standard equipment, providing 12" of shank staggering.

# PULL MORE SHANKS WITH LESS HORSE POWER



### Coulter Gangs

Feature 50 lb. cast iron spools and 22" diameter blades with 7½" spacing. This allows the blade to be centered on each shank across the entire machine. They provide improved residue sizing, flow and a reduction of clod size... even in very hard ground and heavy BT stalks. Scrapers are mounted between each blade to eliminate soil buildup on the



### Single-Point Depth Control

Conveniently located at the front of the machine. This control sets the depth of the main unit.



### Spring-Cushioned

Hydraulic coulters gangs provide extra protection to the pull-style gangs and frame when an obstruction is encountered.

# LANDOLL OFFERS MORE SIZES THAN ANY OTHER BRAND

## 2100 COULTER CHISEL SPECIFICATIONS

### Standard Specifications

#### Disc Gangs:

- 22" coulters on 7½" spacing
- Round 1¾" gang shaft
- Cast spools, 5¾" diameter
- Trunnion bearings with triple-lip seal
- C-cushion bearing standards (1" x 2½")
- Scraper mounting bracket attached to the C-cushion bearing standard

#### Shanks:

- Auto-Reset: 1,750 lb. point load, 14" trip height, 32" under frame clearance, and offset mounts
- Rigid Shear Bolt: 32" under frame clearance, and offset mounts on model 2131-25

#### Undercarriage:

- 5½" lift axles with maintenance-free lift system
- Walking tandems with greaseable bearings on all sizes except the 7 shank (single wheels only)

#### Spindles, Tires & Wheels:

- (2) 12.5L x 15, 12-ply tires with 6-bolt wheels and 2" slip in spindles on 7 shank models
- (4) 12.5L x 15, 12-ply tires with 8-bolt wheels and 2¼" slip in spindles on 9-15 shank rigid frames
- (4) 12.5L x 15, highway service tires (Load F), with 8-bolt wheels and 2¼" slip in spindles on wings on model 2131
- (4) 32/1550 x 16.5 SL tires with 8-bolt wheels and 3" slip in spindles on center model 2131

#### Hitch:

- Self-leveling hitch with manual adjustment
- Cast single-lip with Category III on 7 and 9 shank models
- Cast single-lip with Category IV on 11+ shank models

#### Other:

- Single-point, front-mounted depth control
- Safety chain, light kit and SMV emblem
- Blue powder-coat paint
- Adjustment wrench
- Gang wrench

### Optional Equipment

- Single-lip hitch, Category III or Category IV
- Rear tow hitch
- Rear tow hitch with hydraulic hoses for secondary machine
- Rear jack stand

#### Choice of Points or Shovels:

- 4" twisted shovels
- 2" straight points in lieu of 4" twisted shovels
- 2" straight points with chrome cap in lieu of standard (for non-rocky areas)

### Model Specifications

Model Number	Number of Shanks	Transport Width	Transport Height	Shank Working Width	Estimated Weight*
2110-7	7 on 15"	9' 10"	N/A	8' 9"	7,621 lbs.
2110-9	9 on 15"	11' 9"	N/A	11' 3"	9,348 lbs.
2111-11	11 on 15"	14' 4"	N/A	13' 9"	10,830 lbs.
2111-13	13 on 15"	16' 10"	N/A	16' 3"	11,772 lbs.
2111-15	15 on 15"	19' 4"	N/A	18' 9"	12,590 lbs.
2131-17	17 on 15"	16' 1"	11' 1"	21' 3"	20,844 lbs.
2131-19	19 on 15"	16' 1"	11' 7"	23' 9"	21,186 lbs.
2131-21	21 on 15"	15' 6"	13' 5"	26' 3"	24,386 lbs.
2131-23	23 on 15"	15' 6"	13' 11"	28' 9"	26,508 lbs.
2131-25**	25 on 15"	15' 6"	15' 2"	31' 3"	23,375 lbs.

\* Estimated weight based on Auto-Reset Shanks

\*\*Only Offered with Rigid Shear Bolt Shanks