

ROW CROP CULTIVATORS

Available to LORENZ Dealers Only



LORENZ MANUFACTURING COMPANY

VIBRA SPRINGTINE ROW CROP CULTIVATOR



With a Lorenz Springtine Cultivator you can count on excellent performance, clean cultivating, outstanding mulch, high-speed operation, and excellent trash clearance. Optional (HDHC) Heavy Duty High Clearance Tines available for added strength and vertical clearance.

NON-FOLDING MODELS

Non-folding models are made with heavy-wall 5" x 7" toolbar for 2-Row wide, 4-Row wide, 6-Row narrow, 6-Row wide, 8-Row narrow, and 8-Row wide cultivation. Specialty Skip-Row models are also available.

Take a close look at the way a Lorenz Vibra Spring Cultivator is built. You'll enjoy thousands of acres of clean, high-speed cultivating. And a Lorenz will penetrate the hardest ground you can pull it through. Our extra-long gangs assure outstanding trash clearance. The Lorenz Vibra-Spring Tine vibrates in a circular motion as it passes through the field, literally exploding the soil. Weeds are blasted out and left on the surface to die. The vibrating tines will not roll up slabs.

A Lorenz Vibra Spring Cultivator reduces soil erosion and makes harvesting easier because the field is leveled during cultivation.

FLAT-FOLDING WING MODELS

Wing models with heavy-wall 5" x 7" flat-fold toolbars are manufactured for 6-Row wide, 8-Row narrow, 8-Row wide, 12-Row narrow, and 12-Row wide cultivation. Specialty Skip-Row models and a 16-Row narrow model are also available.

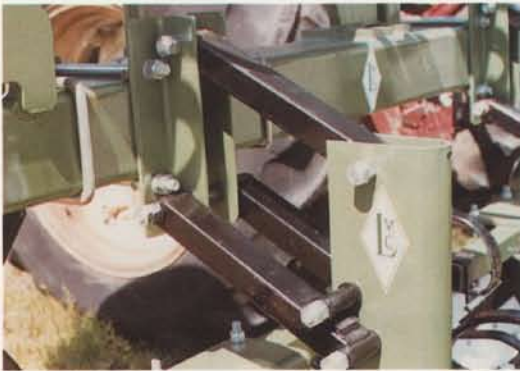
Wing models include all cylinders, hoses, and fittings to the headtower.

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LORENZ PERFORMANCE FEATURES



TRIPLE PARALLEL LINKAGE

Lorenz uses **three** tubular steel linkage arms on each cultivator gang. This minimizes any sway or fish-tailing of the gangs. The welded steel bushing in the end of the arms has a wear resistant nylon bushing inside which eliminates greasing. Notice that our link arms are all double nutted to prevent loosening.



EXTRA LONG GANGS

Our extra long gangs allow high speed cultivation with 4 ranks of tines for exceptional trash clearance. Flanged angle irons grip the toolbar like a wrench, eliminating twisting of gangs.



FLANGED GANG TUBES

Ever spend hours walking thru the field looking for a lost springtine and shovel? Our flanged gang tubes and bullnose tine clamp help eliminate these losses.



STABILIZERS, GAUGE WHEELS, and ADJUSTABLE FRONT TUBES

Stabilizer guide coulters can be mounted on the ends of the cultivator or on the center of the unit. Gauge wheels are easy to adjust to maintain uniform depth. Front gang tubes slide by one another to adjust to your row spacing needs.



FLAT-FOLD HINGE

This hinge design allows the cultivator wings to fold down 180° and rest on pads when the 16" cylinders are fully retracted. The flat-fold design makes the cultivator easier to transport and shed.



LARGE GAUGE WHEEL KIT

A gauge wheel kit can be put on the cultivator to assist tractor hydraulics in keeping the tool-bar parallel to the ground. (This kit is recommended for larger 8 & 12 row units.)



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**Total Till
1400**

HIGH TRASH CULTIVATOR



Row Crop Cultivator Designed For Uses In:

- No Till
- Minimum Till
- Ridge Till
- Conventional Till



FEATURES

- Large 7 x 7 heavy duty tool bar.
- Streamlined design allows easy field adjustment.
- Offers Unique method of easy loading and unloading ballast weight (water) to each gang. Water can also be added to the tool bar on all straight beam models.
- New Gang design distributes more weight under tool bar for improved ease of lifting.
- New triple parallel link arm design for improved stability.
- Offers excellent trash clearance.
- Offers easy pin hole settings on hiller disk shanks. Maintains constant depth and angle.
- Heavy Flat Fold Hinge Design on all folding models
- Purchasing without front hiller disks fits many NO-TILL applications and reduces equipment cost.

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Lift Assist Wheel Kit Assy. - Optional
Open Top Crop Shields - Optional
Anhydrous Tank Pull Hitch -
Optional (Not Pictured)



HD 16" Pneumatic Adjustable Gauge
Wheel per Gang
20" Adjustable Trash
Cutting/Stabilizing Coultter per Gang
Double Spring Cushion Clamp Assy.
on the Shank - Optional



Triple Parallel Linkage Arms
Locking Tabs - Gang to Beam
Optional Down Pressure Spring

Double Wing Ridger - Optional
Anhydrous Knife Brkt. - Optional



Slab Deflector - Optional
Large 50" sweeps w/ Optional sizes



16" Cut-Away/Hiller Disks
w/ Greaseable Roller
Bearings
w/ Easy Pins Set Depth
Adjustment
w/ Sliding Tube Width
Adjustment

In the war on weeds and erosion, the Lorenz Total Till 1400 Cultivator features interact with each other to kill the weeds between the rows without destroying the mulch on the first cultivation while on the second cultivation, it will kill the weeds in the row and build the ridge for next seasons planting. The unique method of easy loading and unloading Ballast, where and when needed (with just a water hose), makes the unit more versatile and saves wear and tear on the tractor.

Model No.	No. of Rows	Minimum Tractor H.P. Required	Size of Shovels	Row Spacing	No. of Gangs	Bar Width	Approx. Row Wt.	Approx. Weight w/ Ballast (water)
LTT 430	4	80	18"	28'-30"-32'	5	146"	2550	2975
LTT 438	4	80	24"	36'-38'-40'	5	179"	2592	3021
LTT 630	6	100	18"	28'-30"-32'	7	196"	3480	4042
LTT 638	6	100	24"	36'-38'-40'	7	256"	3680	4323
LTT 830	8	125	18"	28'-30"-32'	9	256"	4540	5255
LTT 838	8	125	24"	36'-38'-40'	9	334"	4685	5519
LTT 838FF	8	135	24"	36'-38'-40'	9	332"	5880	6240
LTT 1230FF	12	180	18"	28'-30"-32'	13	377"	7880	8400
LTT 1238FF	12	180	24"	36'-38'-40'	13	473"	8400	8920

*FF: Flat Fold Hinge Design



LORENZ MFG. CO.

Also, Manufacturers of Lorenz Row Crop Cultivators, Field Conditioners, Wac-a-Trac™ Track Eliminator, Tractor Cabs, Electric Farm Gates, Hay Stack & Round Bale Movers, Grinder Mixers, Snow Blower, Earthmovers, and Other Farm Equipment.

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Lorenz
C-SHANK
Model



Lorenz C-SHANK Model Row Crop Cultivator, available in 2, 4, 6 & 8 row non-folding models, and 6, 8, 12, & 16 row flat-folding models.



FEATURES OF THE C-SHANK MODEL

- 46" Long Gangs offer excellent trash clearance.
- Triple Parallel Link Arms on each gang offer stability.
- Flanged angle irons grip the tool bar eliminating any twisting.
- Easily adjustable 4"x12" depth gauge wheel standard on each gang.
- Flanged ends on the gang tubes help eliminate shank losses.
- Gangs are adjustable to various row widths.
- Available as 3 SHANK or 5 SHANK MODELS.
- Folding models are all of the flat-fold design complete w/cylinders & hoses.
- Spring loaded C-SHANK Assemblies.

OPTIONAL EQUIPMENT

Assorted shovel sizes 4" - 10" widths
18" Spring loaded stabilizer guide coulters
Large gauge wheel kits
Rolling shields



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