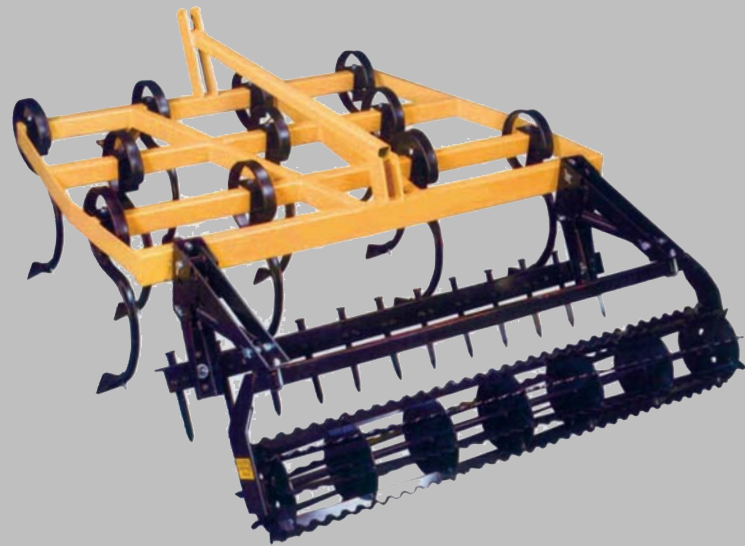


3-IN-1 SOIL CONDITIONERS



**QUICK HITCH
COMPATIBLE**

SC SERIES 3 IN 1 SOIL CONDITIONERS are ideal for nurseries, berry growers, orchards, vineyards and general cultivation work. Available in 4', 5', 5-1/2', 6' and 7' sizes with Category 1, 3-point hitches and 8', 10', 12' and 15' widths with Category 2, 3-point hitches. This unique tool consists of heavy-duty high clearance S-Tines for cultivation, a spring-loaded spiketooth bar for leveling and clod breakup, and a spring loaded rear crumbler roller for finish work. The 20" high clearance 1/2" x 1-3/4" S-Tines are extremely heavy-duty and are equipped with 7" sweeps. Reversible points are optional. Spiketeeth measure 3/4" by 11" on 6" centers. The crumbler roller is 12" in diameter and constructed with angled bars for mulching the soil. The rugged 4-bar frame has three 2" x 3" bars and one 2" x 4". The frame is tapered along with the crumbler roller yokes to permit traveling through vegetation without damage.

SPECIFICATIONS

MODELS	SC5	SC6	SC7	SC8	SC10
WORKING WIDTH	5'	6'	7'	8'	10'
NO. OF SHANKS	9	11	13	15	19
SHANK SIZE	1/2" x 1-3/4"	1/2" x 1-3/4"	1/2" x 1-3/4"	1/2" x 1-3/4"	1/2" x 1-3/4"
SHANK CLEARANCE	20"	20"	20"	20"	20"
SHANK SPACING	6-1/2"	6-1/2"	6-1/2"	6-1/2"	6-1/2"
FRAME TUBE SIZE	(3) 2 x 3 (1) 2 x 4	(3) 2 x 3 (1) 2 x 4	(3) 2 x 3 (1) 2 x 4	(3) 2 x 3 (1) 2 x 4	(3) 2 x 3 (1) 2 x 4
HITCH	Cat. 1	Cat. 1	Cat. 1	Cat. 2	Cat. 2
HP RATING	18 to 32	22 to 39	26 to 46	30 to 53	38 to 67
WEIGHT	620	800	900	1000	1300
GAUGE WHEELS	Optional	Optional	Optional	Optional	Standard

Specifications subject to change without notice



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FRONTLINE

TILLAGE ATTACHMENTS

S-TINE CULTIVATORS • SINGLE SHANK RIPPERS
V-RIPPERS • 3-IN-1 SOIL CONDITIONERS



Innovative Products Designed to Save Time & Labor

S-TINE CULTIVATORS

ST SERIES S-TINE CULTIVATORS are ideal for pastures, orchards, vineyards and general fieldwork. Available in 4', 5', 6', 7', 8' and 10' sizes and designed for Category 1 tractors. The 2" square, 3-bar frames are reinforced and equipped with heavy-duty 3/8" x 1-1/4" x 16" clearance S-tines and reversible points on 6-1/2" spacing. Optional equipment includes 2-5/8" duck foot; 4" and 7" sweeps, and a pair of pin adjustable gauge wheels.



QUICK HITCH COMPATIBLE

SPECIFICATIONS

MODELS	ST4	ST5	ST6	ST7	ST8	ST10
WORKING WIDTH	4'	5'	6'	7'	8'	10'
NO. OF SHANKS	7	9	11	13	15	19
SHANK SIZE	3/8" x 1-1/4"	3/8" x 1-1/4"	3/8" x 1-1/4"	3/8" x 1-1/4"	3/8" x 1-1/4"	3/8" x 1-1/4"
SHANK CLEARANCE	16"	16"	16"	16"	16"	16"
SHANK SPACING	6-1/2"	6-1/2"	6-1/2"	6-1/2"	6-1/2"	6-1/2"
FRAME TUBE SIZE	2" Square	2" Square	2" Square	2" Square	2" Square	2" Square
HITCH	CAT. 1	CAT. 1	CAT. 1	CAT. 1	CAT. 1&2	CAT. 1&2
HP RATING	11-25	14-32	17-39	20-45	23-55	29-67
APPROX. WEIGHT	220	245	280	315	360	440
GAUGE WHEELS	Optional	Optional	Optional	Optional	Optional	Optional

SINGLE SHANK RIPPERS

100, 200, 300 SERIES SINGLE SHANK RIPPERS **100 SERIES** is ideal for breaking up hard soil or furrowing cultivated soil by adding the optional 12" furrow shovel. Designed for category 1 tractors up to 25HP. The 1" x 4" shank is adjustable to 19" length for ripping and 15" length for furrowing. The shank is shear-bolt protected and equipped with a 2" wide, hard-faced replaceable point. **200 SERIES** is recommended for breaking up compacted soil to increase root growth and yield. This rugged built unit is available with a 1" x 6" x 23" shank and designed for category 1 tractors up to 50HP. The shank is shear-bolt protected and equipped with a high carbon heat-treated replaceable point. **300 SERIES** is ideally suited to breakup hard and compacted soil for better water penetration and root growth. This unit is constructed of heavy-duty 4" x 8" x 3/8" tubing and is equipped with a 1" x 27" parabolic shank and designed for category 2 tractors up to 75HP. The shank is shear-bolt protected and equipped with a high carbon heat-treated replaceable point. Models 200 and 300 are quick hitch compatible.



SPECIFICATIONS

MODELS	100	200	300
NO. OF SHANKS	1	1	1
TOOL BAR WIDTH	N/A	N/A	N/A
FRAME TUBE SIZE	3" x 3"	4" x 4"	4" x 8"
SHANK LENGTH	15" & 19"	23"	27"
SHANK SIZE	1" x 4"	1" x 6"	1" Parabolic
HITCH	CAT. 1	CAT. 1	CAT. 2
HP RATING	Up to 25	Up to 50	Up to 75
SHEAR-BOLT PROTECTION	Yes	Yes	Yes
WEIGHT	85	130	240
OPTIONAL 12" FURROWER	Yes	No	No
PARKING STANDS	No	No	Optional

V-RIPPERS

R-3 SERIES V-RIPPERS are ideal for breaking up compacted soil for increased water penetration and root growth. The narrow/low profile rippers are designed for category 1 tractors, 30-60 HP, and are available in 50", 60" and 70" tool bar widths and equipped with either 3 or 5 shanks. The 1" x 6" x 23" shanks are shear-bolt protected and equipped with high carbon heat-treated points.



QUICK HITCH COMPATIBLE

SPECIFICATIONS

MODELS	R3-50	R3-60	R5-60	R3-70	R5-70
NUMBER OF SHANKS	3	3	5	3	5
TOOL BAR WIDTH	50"	60"	60"	70"	70"
FRAME TUBE SIZE	4" x 6"	4" x 6"	4" x 6"	4" x 6"	4" x 6"
SHANK LENGTH	23"	23"	23"	23"	23"
SHANK SIZE	1" x 6"	1" x 6"	1" x 6"	1" x 6"	1" x 6"
HITCH	CAT. 1	CAT. 1	CAT. 1	CAT. 1	CAT. 1
HP RATING	Up to 50	Up to 50	Up to 60	Up to 50	Up to 60
SHEAR-BOLT PROTECTION	Yes	Yes	Yes	Yes	Yes
WEIGHT	420	435	550	450	570
PARKING STANDS	Yes	Yes	Yes	Yes	Yes

STANDARD & HEAVY-DUTY SERIES V-RIPPERS

STANDARD DUTY SERIES are recommended for breaking up hardpan and compacted soil for improved soil aeration and increased yields. The 4" x 6" x 84" width tool bar is equipped with category 2, 3-point hitch, for tractors 50-80 HP and available with either 2 or 3 shanks. The 1" x 27" parabolic shanks are shear-bolt protected and equipped with high carbon heat-treated points. **HEAVY-DUTY SERIES** are ideal for deep ripping and break up of compacted soil to increase root growth, water penetration and yield. The rugged 5" x 7" tool bar is equipped with category 2 and 3, 3-point hitch, for tractors 80-195 HP, 3-shank model is available with 84" tool bar, 5 and 7 shank models with 144" tool bar widths. The high clearance 1-1/4" x 34" parabolic shanks are shear-bolt protected and equipped with high carbon heat-treated points. Models 227 and 327 are quick hitch compatible.



QUICK HITCH COMPATIBLE

SPECIFICATIONS

MODELS	227	327	334	534	734
NUMBER OF SHANKS	2	3	3	5	7
TOOL BAR WIDTH	84"	84"	84"	144"	144"
FRAME TUBE SIZE	4" x 6"	4" x 6"	5" x 7"	5" x 7"	5" x 7"
SHANK LENGTH	27"	27"	34"	34"	34"
SHANK SIZE	1" Parabolic	1" Parabolic	1-1/4" Para.	1-1/4" Para.	1-1/4" Para.
HITCH	CAT. 2	CAT. 2	CAT. 2 & 3	CAT. 2 & 3	CAT. 2 & 3
HP RATING	Up to 80	Up to 80	Up to 85	Up to 140	Up to 195
SHEAR-BOLT PROTECTION	Yes	Yes	Yes	Yes	Yes
WEIGHT	675	750	850	1700	2080
PARKING STANDS	Yes	Yes	Yes	Yes	Yes

Specifications subject to change without notice