

BOXER[®]

BY MORBARK[®]



Attachment Guide



**Boxer 700HDX shown with
general purpose bucket**



**Boxer 600HD shown with
general purpose bucket**



**Boxer 322D shown with
general purpose bucket**

**Boxer[®] - Where versatility meets productivity -
And yes...there's an attachment for that.**

BOXER® Attachments

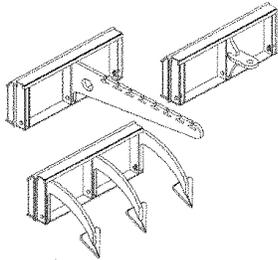
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BOXER[®] Attachments

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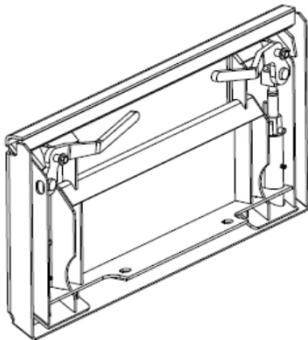
Multi-Purpose Tool, P/N 29514-507



- Adaptable 3-N-1 tool includes:
 - Rippers (3)
 - Loosen compacted soil and root removal; up to 10" (25.4 cm) digging depth
 - Lifting boom
 - Lift objects with chains or straps
 - Ideal for planting tree and shrubs
 - Hitch plate; accepts ball with 1" (25.4 mm) thread - ball not included
 - For moving trailers around yard
- Clips in top and pin and clip secures bottom
- Includes universal attachment plate; for use on all Boxer models

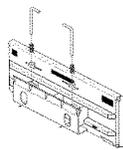
Adapter Plates

Universal to Bob-Tach



- Universal to Bob-Tach, P/N 29514-514
 - Adapts universal mount attachment plate to Bob-Tach loader plate
- Bob-Tach to Universal, P/N 29514-510
 - Adapts Bob-Tach loader plate to universal attachment plate
- Universal Hitch Plate, P/N 29514-506
 - Weld-on, blank female mounting plate for attachments
- Universal Tilt Attachment, P/N 29514-515
 - Allows 17° up/down movement for grading - includes hydraulic hose kit
 - Includes universal mount and hose kit with flat face couplers

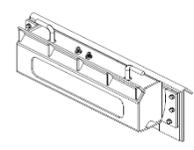
Bob-Tach to Universal



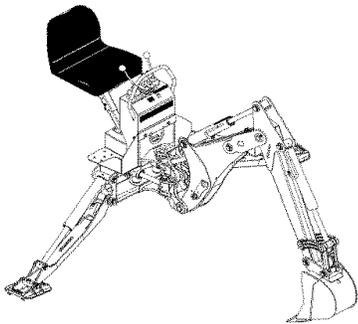
Universal Hitch Plate



Universal Tilt Attachment

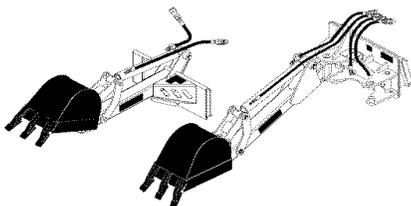


Bradco Model 365 Backhoe, P/N 29514-522



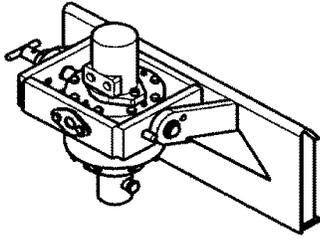
- 6.5' (2 m) digging depth; 9' (2.74 m) reach - measured from swing post
- 2,599 lb (1,179 kg) bucket force; 1,358 lb (616 kg) dipper force
- Fold down, pin-on stabilizers, swing speed control and grouser pads
- Fully adjustable high back seat and walk through operator platform
- 180° dual cylinder swing
- Internal hydraulic cushioning for smooth operation and maximum power
- 8" (20.3 cm) to 18" (45.7 cm) bucket widths available
- Optional rubber grouser pads (bolt-on), P/N 29514-521
- Available for Boxer 400, 500 and 700 series
 - Boxer 500/700 series mounting kit, P/N 29514-524
 - Boxer 400 series mounting kit, P/N 29514-523

Skid Hoe



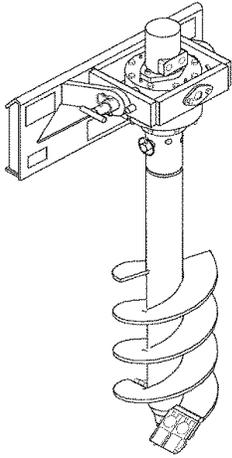
- Skid Hoe (Fixed), P/N 29514-534 - For use on all Boxer models
 - Universal mount with hydraulic hoses and flat face couplers
 - 51" (129.5 cm) reach with 50" (127.0 cm) digging depth
 - 8" (20.3 cm) to 18" (45.7 cm) bucket widths available (sold separately)
- Skid Hoe (Swing), P/N 29514-548 with electric valve kit for single remote units
- Skid Hoe (Swing), P/N 29514-579 without electric valve kit for dual remote units
 - Universal mount with hydraulic hoses and flat face couplers
 - 68" (172.7 cm) reach with 67" (170.2 cm) digging depth
 - 60° right swing; 48° left swing
 - 8" (20.3 cm) to 18" (45.7 cm) bucket widths available (sold separately)

Auger Drive



- X1500 High-Torque, low speed, P/N 29513-547
 - 1,998 lb-ft (2,708.9 N·m) maximum output torque
 - Recommended for 6" (15.2 cm) to 36" (91.4 cm) diameter auger bits
 - Used to run concrete mixing bowl
- X900 High Speed, low torque, P/N 29513-558
 - 1,029 lb-ft (1,395.1 N·m) maximum output torque
 - Recommended for 6" (15.2 cm) to 12" (30.5 cm) diameter auger bits
- Planetary drive with 5-year warranty (2-YR overall drive warranty)
- 2-9/16" (6.5 cm) round output shaft; includes pin and clip to secure attachment
- Dual swivel capability

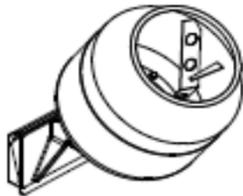
Auger Bits



- 6" (15.2 cm) to 36" (91.4 cm) diameter flights; 36" (91.4 cm) bit length
 - Boxer 300 series recommended up to 30" (76.2 cm) diameter
- 12" (30.5 cm) and 24" (61 cm) variable length extensions available
 - 12" (30.5 cm) Variable length with 2-9/16" (6.5 cm) round hub, P/N 29513-564
 - 24" (61 cm) Variable length with 2-9/16" (6.5 cm) round hub, P/N 29513-548
- Available in three styles
 - HDF - Used for light to moderate ground
 - HTF - Used for tree and shrub planting
 - HDR/CDR - Used for fracturable rock, frozen ground, asphalt and concrete

Auger Extension	HDF	HDR/CDR	HTF
			

Concrete Mixing Bowl, P/N 29514-901

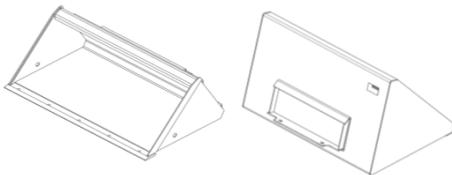


- Ideal uses:
 - Hard to reach areas; fence installation; concrete repair (sidewalks, driveways, etc...)
- Requires high-torque auger drive for operation
- 2-9/16" (6.5 cm) round input shaft
- 4.8 f³ (0.14 m³) maximum capacity; 3.2 f³ (0.09 m³) mixing capacity
- Bi-directional rotation
- Quickly change between drilling and mixing

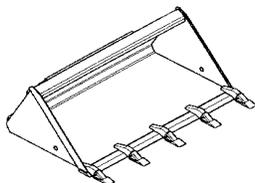
General Purpose Bucket with straight edge

General Purpose Bucket - Left

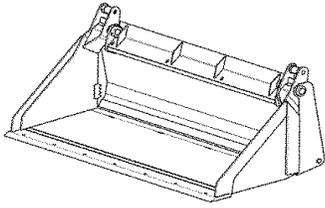
Light Materials Bucket - Right



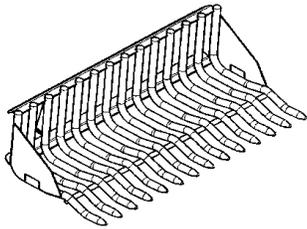
- 34.5" (88 cm) General Purpose with 3.5f³ (0.10 m³) capacity, P/N 29513-431
- 42" (107 cm) General Purpose with 4.0 f³ (0.11 m³) capacity, P/N 29513-405
 - 42" (107 cm) Bolt-on tooth bar, P/N 29513-435 / Bolt-on cutting edge, P/N 29514-729
- 44" (112 cm) General Purpose with 5.0 f³ (0.14 m³), capacity, P/N 29513-452
 - 44" (112 cm) Bolt-on cutting edge, P/N 29514-740
- 44" (112 cm) Light Materials Bucket with 7.0 f³ (0.20 m³) capacity, P/N 29513-406
- 48" (122 cm) General Purpose with 6.0 f³ (0.17 m³) capacity, P/N 29513-412
 - 48" (122 cm) Bolt-on tooth bar, P/N 29513-439 / Bolt-on cutting edge, P/N 29514-726
- 54" (137 cm) General Purpose with 6.0 f³ (0.17 m³) capacity, P/N 29513-453



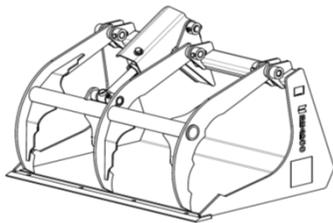
- Weld-on (non-removable) teeth
- Two bucket widths available
 - 42" (107 cm) General Purpose with teeth and 4.0 f³ (0.11 m³) capacity, P/N 29513-409
 - 48" (122 cm) General Purpose with teeth and 6.0 f³ (0.17 m³) capacity, P/N 29513-408
- Includes universal mount

Multi-Purpose Bucket (4-N-1)

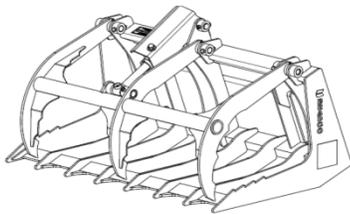
- 4-N-1 Multi-Purpose Bucket
 - High dump, dozer blade, trash clamp and general purpose
- Dual 2" (5 cm) diameter cylinder operation
- Three bucket widths available (35"/89 cm, 38"/96.5 cm, 42.5"/108 cm)
 - 35" (89 cm) Multi-Purpose with 3.5 f³ (0.1 m³) capacity, P/N 29513-411
 - 38" (96.5 cm) Multi-Purpose with 4.5 f³ (0.13 m³) capacity, P/N 29513-410
 - 38" (96.5 cm) Bolt-on bucket tooth bar, P/N 29513-440
 - 42.5" (108 cm) Multi-Purpose with 5.0 f³ (0.14 m³) capacity, P/N 29513-432
 - 42" (106.7 cm) Bolt-on bucket tooth bar, P/N 29513-435
- Includes universal mount and hydraulic hoses with flat face couplers

Rock Bucket

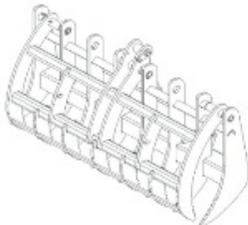
- Allows dirt to be sifted; removing rocks, bricks and foreign material
- Ideal uses:
 - Demolition debris removal
 - Combing ground, screening and sifting material
 - Back dragging
- 42" (106.7 cm) Bucket width with (2) tine diameter options
 - 0.75" (19 mm) tine diameter with 2" (51 mm) tine spacing, P/N 29514-529
 - 1.125" (28.6 mm) tine diameter with 2" (51 mm) tine spacing, P/N 29514-530
- Includes universal mount and for use on all Boxer models

Scrap Grapple

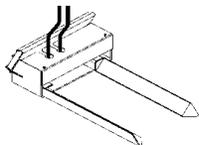
- Ideal for removal of brush, stump grindings and refuse
- Closed, flat bottom with low profile sides
- 29" (73.7 cm) Grapple opening with guarded cylinder
- Universal mount with hydraulic hoses and flat face couplers
- Three available widths (36"/91.4 cm, 42"/106.7 cm, 48"/121.9 cm)
- Optional cutter bars available
 - 36" (91.4 cm) bolt-on cutter bar, P/N 29514-730
 - 42" (106.7 cm) Bolt-on cutter bar, P/N 29514-729
 - 48" (121.9 cm) Bolt-on cutter bar, P/N 29514-726

Brush Grapple

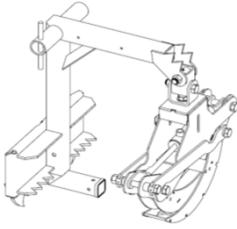
- Ideal for removal of brush and refuse
- High tensile 1/4" (6.4 mm) thick tines
- 29" (73.7 cm) Grapple opening with guarded cylinder
- Universal mount with hydraulic hoses and flat face couplers
- Three available widths (42"/106.7 cm, 48"/121.9 cm, 54"/137.2 cm)
 - 42" (106.7 cm) Brush Grapple, P/N 29514-702
 - 48" (121.9 cm) Brush Grapple, P/N 29514-703
 - 54" (137.2 cm) Brush Grapple, P/N 29514-704

Grapple Root Rake

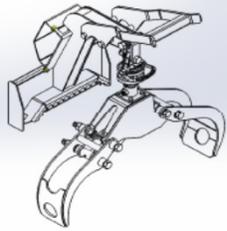
- Ideal for clearing brush, logs, rocks, concrete, mulch, root raking, back dragging, piling, storm and demolition clean-up
- Two sizes available
 - 42" (107 cm) Grapple Root Rake, P/N 29514-725 with 32.5" (83 cm) grapple opening
 - 49" (125 cm) Grapple Root Rake, P/N 29514-728 with 36" (91.4 cm) grapple opening
- Curved teeth allow unit to glide over the ground to prevent damage
- Universal mount with hydraulic hoses and flat face couplers
- For use on all Boxer models

Tree Forks, P/N 29514-223

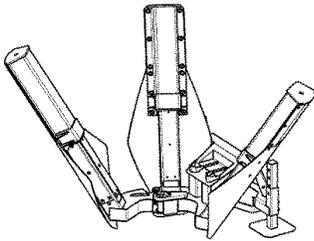
- Ideal for transporting and transplanting trees, shrubs and ornamentals
- 33" (83.8 cm) Tine length with 38° left fork hydraulic movement
- 27" (68.6 cm) maximum width; 4" (10.2 cm) closed dimension
- Includes universal mount and hose kit with flat face couplers
- For use on all Boxer models

Branch Manager Grapple, P/N 29514-706

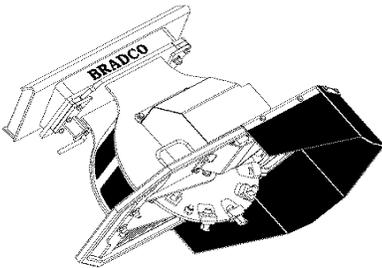
- 360° Universal swivel mount (knock around) rotation
- 1/2" (12.7 mm) Thick log dogs
- 53" (135 cm) Grapple opening; 6" (15.2 cm) closed dimension
- 2" (5 cm) Grapple cylinder
- 3" (7.6 cm) Rope bollard
- Includes hitch insert (ball not included) / grapple stand
- Universal mount with hydraulic hoses and flat face couplers
- For use on all Boxer models

Ryan's Grapple

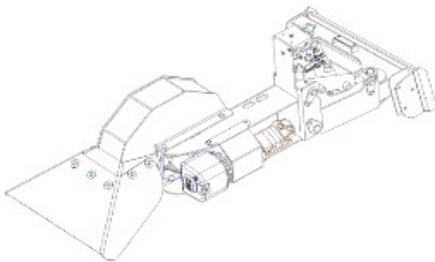
- 360° Hydraulic rotation
- Detachable push bar for directional felling
- 40" (101.6 cm) Grapple opening; 2" (5 cm) closed dimension
- 2" (5 cm) Grapple cylinder
- Chrome pins and hardened steel bushings
- Universal mount with hydraulic hoses and flat face couplers
- Single auxiliary remote units use, P/N 29514-724 (Boxer 300/400/600 Series)
- Dual auxiliary remote units use, P/N 29514-727 (Boxer 500/700/900 Series)

Tree Spade, P/N 29514-543

- Ideal for transplanting and burlapping small trees and shrubs
- Low profile; three blade towers fits between closely planted trees
- For 16" (40.6 cm) to 20" (50.8 cm) root ball diameters; 1" (25.4 mm) to 1.5" (38.1 mm) tree base diameter
- Ideal in sandy or hard packed soil
- Blades come together in down position to cut tap roots
- 30° Cone style cutting angle; 16.13" (41 cm) digging depth; 6" (15.2 cm) leg adjustment
- 26" (66 cm) Gate opening ; 45° gate swing
- Includes universal mount, hose kit with couplers, electric valve and joystick control

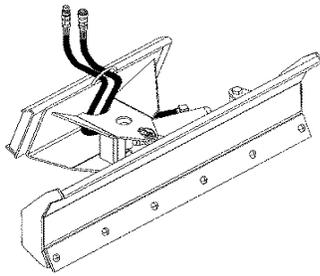
Stump Grinder; Fixed

- Two hydraulic motor size options to optimize performance to loader size
 - Stump Grinder (8 to 11 GPM/30 to 42 LPM) for Boxer 300 Series, P/N 29514-547
 - Stump Grinder (10 to 14 GPM/38 to 53 LPM) for Boxer 400/500 Series, P/N 29514-546
- Fixed skid-steer style stump grinder with forward reverse cutting motion
- Bearing mounted cutting wheel for smooth cutting action
- Hydraulic cutting system break for fast cutting system shut-down
- 7" (17.8 cm) below ground cutting depth
- 15" (38 cm) wheel diameter with (12) cutting teeth
- Bolt-on teeth interchangeable with all major tooth manufacturers
- 45° adjustable cutting angle
- Rubber chip deflect curtain to contain material and minimize clean-up
- Includes universal mount and hydraulic hoses with flat face couplers

Stump Grinder; Articulating, P/N 29513-820

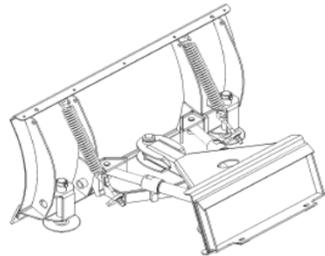
- Articulating Stump Grinder, P/N 29513-820
 - Includes pistol grip (electric over hydraulic) control harness for swing/lift functions
 - Requires electrical connection on customers end
 - Features side-to-side and up and down cylinder actuation
- Cutting System:
 - 14.5" (37 cm) diameter x 1/2" (13 mm) thick disc - 18" (46 cm) tip swing
 - 24 Replaceable carbide cutter teeth - interchangeable with preferred hardware
 - Bi-directional cutting design with 6" (15 cm) cutting depth
 - 500 to 1000 RPM wheel speed depending on flow
 - 66° cutting arc - 36" (91 cm) maximum cutting diameter
 - Rubber deflector and guard assembly to reduce flying debris
- 7 to 14 GPM (27 to 53 L/min) flow requirement
- Includes universal mount and hydraulic hose kit with flat face couplers

Dozer Blade



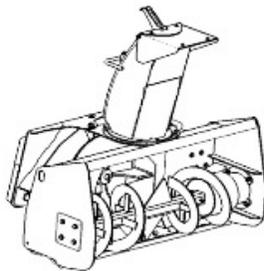
- Dozer Blade available in two sizes (with and without tilt)
 - 46" (117 cm) with hydraulic angle, P/N 29514-306 (Single Remote Units)
 - 46" (117 cm) with hydraulic angle and 6° tilt, P/N 29514-308 (Dual Remote Units)
 - 67" (170 cm) with hydraulic angle, P/N 29514-309 (Single Remote Units)
 - 67" (170 cm) with hydraulic angle and 6° tilt, P/N 29514-311 (Single Remote Units)
 - 67" (170 cm) with hydraulic angle and 6° tilt, P/N 29514-310 (Dual Remote Units)
- 30° Left/right hydraulic angling - optional 6° tilt feature
- 6-way adjustable blade; 4-way on Boxer 300/400 series
 - Full 6-way function requires dual remote to operate tilt function
- Replaceable blade wear edge
- Includes universal mount and hydraulic hoses with flat face couplers

Snow Blade



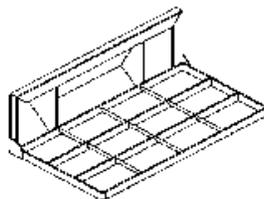
- Snow Blade available in two sizes
 - 48" (122 cm) with hydraulic angle, P/N 29514-305
 - 60" (152 cm) with hydraulic angle, P/N 29514-307
- 30° Left/right hydraulic angling
- 7-gauge (4.6 mm) steel blade
- Spring loaded trip mechanism
- Adjustable skid shoes
- Reversible, replaceable wear edge (optional rubber edge)
- Includes universal mount and hydraulic hoses with flat face couplers
- For use on all Boxer models

Snow Blower, P/N 29514-536



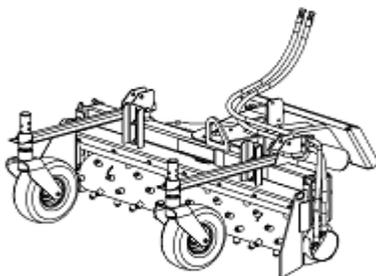
- 48" (122 cm) cutting width
- Dual stage hydraulic blower throws snow up to 45' (13.7 meters)
- 25" (63.5 cm) cutting height
- 14" (35.6 cm) auger diameter; 18" (45.7 cm) fan diameter
- Electric over hydraulic, poly lined chute and deflector
- Reinforced wrapper and adjustable skid shoes
- 8 to 14 GPM (30 to 63 LPM) hydraulic requirement
- Includes universal mount and hydraulic hoses with flat face couplers
- For use on all Boxer models

Leveler/Carry-All, P/N 29514-511

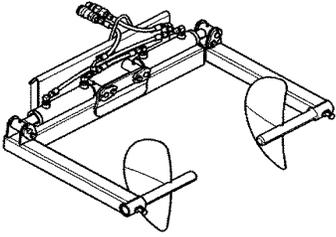


- Leveler/Carry-All
 - 48" (122 cm) wide x 36" (91.4 cm) deep, P/N 29514-511
- Grades and back-fills rough terrain
- Carrying platform for bagged materials, blocks, etc...
- Includes universal mount
- For use on all Boxer models

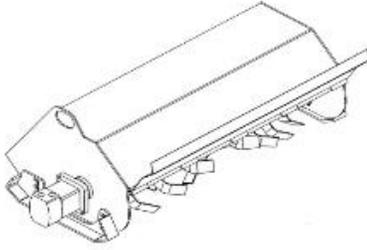
Harley Power Box Rake (Landscape Rake / Soil Conditioner)



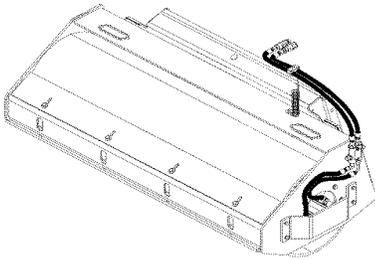
- Harley power Box Rake (Landscape Rake) available in three models
 - 48" (122 cm) Manual angle, P/N 29514-801 (All Boxer models)
 - 48" (122 cm) Hydraulic angle with diverter valve, P/N 29514-803
 - Diverter valve allows hydraulic angling on single remote outlet units
 - 48" (122 cm) Hydraulic angle with dual remotes, P/N 29514-802
- Back-fill trenches, renovate turf, reseed, recondition infield mixes and dethatching
- Carbide cutting teeth specially designed to ensure best possible seedbed
- Rhino-hide barrier controls particle size and speeds drying in wet areas
- Two position end plates allow tighter navigation around sidewalks and foundations
- End plates are easily removable and reversible for windrowing
- Optional seeder box for reseeding/over seeding
- Independently adjustable gauge wheels for skim passes and cutting grades
- Includes universal mount and hydraulic hoses with flat face couplers

Sod Roller, P/N 29514-531

- Adjustable to lay sod rolls from 24" (61 cm) to 36" (91.4 cm) wide
- Holds up to 800 lbs (362.9 kg)
- Heavy-duty construction and hydraulic clamping
- 21" (53.3 cm) minimum; 34" (86.4 cm) maximum sod roll size
- Optional Equipment:
 - Bolt-on bracket for 42" (106.7 cm) sod roller, P/N TBD
 - Tank lawn roller (water weighted), P/N 29514-535
- Includes universal mount and hydraulic hoses with flat face couplers
- For use on all Boxer models (depending on sod roll size handled)

Rototiller, P/N 29513-303

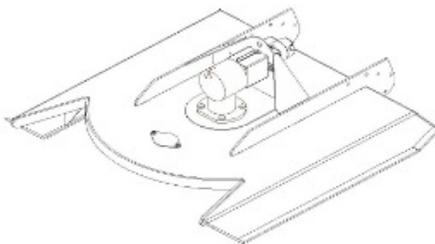
- 40" (101.6 cm) tilling width and 5" (12.7 cm) digging depth, P/N 29513-303
- Replaceable and reversible tines
- Adjustable depth guide
- 120 RPM at 8-GPM (30 l/min)
- 8 to 15 GPM (30 to 57 LPM) flow requirement
- Includes universal mount and hydraulic hoses with flat face couplers
- For use on all Boxer models

Vibratory Roller

- Used for vibration tamping on sand, gravel, soil and crushed aggregates
- Two motor sizes available
 - 36" (91.4 cm) Vibratory Roller, P/N 29514-929
 - 6 to 9 GPM (23 to 34 LPM) flow requirement (Boxer 300/400 series)
 - 36" (91.4 cm) Vibratory Roller, P/N 29514-533
 - 14 to 17 GPM (53 to 64 LPM) flow requirement (All Boxer models)
- Smooth steel drum construction with scraper blade
- Unit delivers 2,488 pounds (1,128.5 kg) of dynamic force and 2,000 vibrations per minute
- 15° drum oscillation/tilt
- Includes universal mount and hydraulic hoses with flat face couplers

Compaction Plate, P/N 29513-905

- Used in landscape and concrete work to level and compact surfaces
 - Extended front lip allows for back dragging and leveling loose material
 - Level and compact sand, fill, recycled asphalt and slopes
- 43" (109.2 cm) width extends beyond track width to allow site prep close to obstacles
- Dual counterweight technology provides true vertical compaction
- Utilizes (4) heavy-duty isolation mounts minimizing vibration transfer to the loader
- 5,500 vertical force pounds (2,495 kg) of compaction at 1,900 vibrations per minute
- 8 GPM (30 LPM) minimum flow requirement
- For use on all Boxer models
- Includes universal mount and hydraulic hoses with flat face couplers

Rotary Brush Mower, P/N 29514-707

- Cut, clear and mulch unwanted brush, grass and saplings up to 2" (5 cm) diameter
- Clear trails, ditches, property sites and overgrown areas
- 43.75" (111 cm) cutting width
- (2) dual-edge blade cutting system cuts in forward and reverse
- Bi-directional hydraulic motor with pressure relief
- Cut-away deck design allows blades to cut saplings without pushing them over first
- 7-gauge (4.6 mm) reinforced steel deck with skid rails to glide across the ground
- Heavy-duty gear box eliminates shear pins and drive clutches
- 7 to 15 GPM (27 to 57 LPM) hydraulic flow requirement
- For use on all Boxer models
- Includes universal mount and hydraulic hoses with flat face couplers

HG48 Hardscape Grapple, P/N 29514-735



- Eliminates need to manually move hardscape materials
- Accommodates pavers and materials of different shapes and sizes automatically
- Accommodates granite or concrete steps up to 48" (122 cm) long
- Single cylinder powers two self-adjusting grapple arms with rubber gripping pads
- Cylinder check valve prevents loss of clamping force even if the machine loses power
- 18" (46 cm) to 48" (122 cm) grip range with 1,525 lbs (691.7 kg) of clamp force
- 1,500 lbs (680.4 kg) lifting capacity
- Maximum reach of 14" (35.6 cm); minimum plunge depth of 13" (33 cm)
- Includes integrated stand to store attachment when not in use
- For use on all Boxer models
- Includes universal mount and hydraulic hoses with flat face couplers

TSG10 Tree and Shrub Grapple, P/N 29514-736



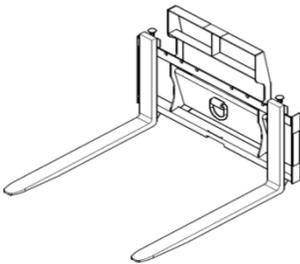
- Designed to easily remove small trees, shrubs and ornamentals
- Eliminates the entire stump, tap root and secondary root system in a single operation
- It's as easy as dig, clamp, roll-up, lift and remove; without hand labor
- 20.5" (52 cm) jaw opening to grasp and move vegetation for clean-up and collection
- Break-up, grasp and move asphalt driveways and many other materials
- Compact construction allows access to tight areas without disturbing surroundings
- Constructed of 1/2" (12.7 mm) thick AR-400 and AR-235 abrasion resistant steel
- For use on all Boxer models
- Includes universal mount and hydraulic hoses with flat face couplers

JAWZ Grabber Tool, P/N 29514-737



- Primary Uses:
 - Removing invasive trees and shrubs of all sizes
 - Moving and placing large rocks
 - Pull and place stakes and fence posts
 - Gripping irregular shaped objects
- 26" (66 cm) Maximum jaw opening; 2,340 lb (1,061.4 kg) maximum lifting capacity
- Dual cylinders power the steel fingers providing optimal loader arm leverage
- For use on all Boxer models
- Includes universal mount and hydraulic hoses with flat face couplers

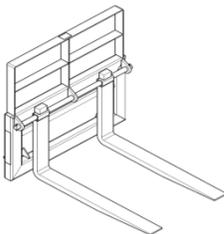
Pallet Forks; Rail Style (ITA Mount)



- Rail Style Pallet Forks available in two tine lengths (Frame and tines sold separately)
 - Rail style (ITA mount) pallet fork frame, P/N 29514-208
 - 42" (106.7 cm) Rail Style (Class II) Forks, P/N 29514-221
 - 48" (122 cm) Rail Style (Class II) Forks, P/N 29514-222
- 2,310 lb (1,047.8 kg) rated lifting capacity
- Adjustable tine width
- Frame includes spill guard
- Rail style (ITA) mounts accepts the following attachments
 - Tow Hitch (ball not included), P/N 29514-527 (see picture-right)
 - 2-Spear Bale Spike, P/N 29514-537
 - 3-Spear Bale Spike, P/N 29514-538
- For use on all Boxer models
- Includes universal mounting plate

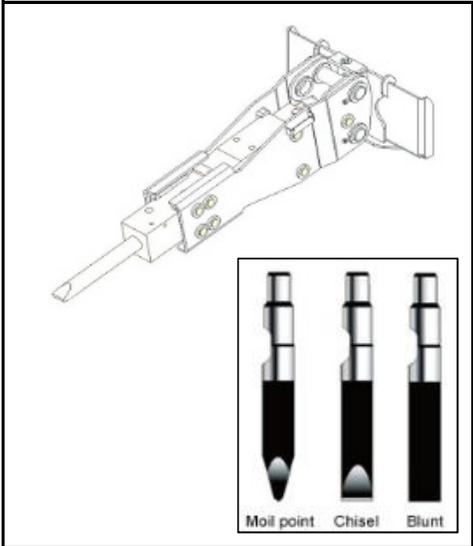


Pallet Forks; Pin Style



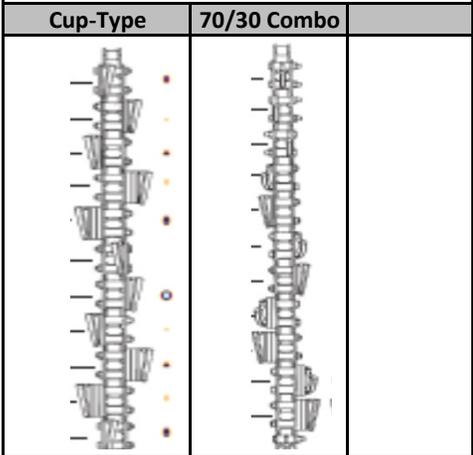
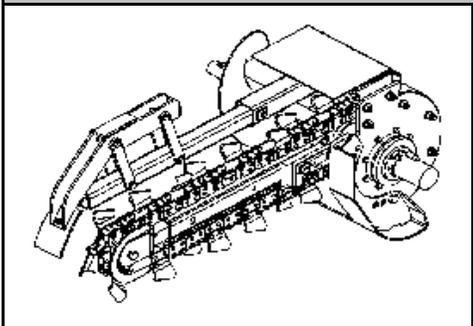
- Pin Style Pallet Forks available in two tine lengths
 - 32" (81.3 cm) Pin Style Fork and Frame, P/N 29514-209
 - 42" (106.7 cm) Pin Style Fork and Frame, P/N 29514-210
- 900 lb (408.2 kg) rated lifting capacity
- Adjustable tine width
- Frame includes spill guard
- For use on all Boxer models
- Includes universal mounting plate

Hydraulic Breaker (Hammer), P/N 29514-110



- Used for breaking hardened substrates, concrete, bedrock and pavement
 - ORV250LT Series - For use on all Boxer models
 - 150 ft-lb (203.4 N·m) of impact energy
 - 550 to 1000 blows per minute (BPM)
 - 4 to 9 GPM (15 to 34 LPM) hydraulic flow requirement
 - 1300 to 1740 PSI (90 to 120 Bar) working pressure range
 - Includes tool kit, N2 charging tool and (1) tube of Chisel Paste, P/N 29514-155
- Includes universal mount, hydraulic hoses with flat face couplers and pin and bushing kit
- Includes choice of 1.77" (4.5 cm) diameter moil point or chisel (specify type)
 - Moil Point, P/N 29514-151 (Standard Tool) most popular tool for the CUL application. Due to its design, the impact energy is transferred in a spider web effect and enables it to fracture concrete the best. This working tool is ideal for breaking concrete, bedrock and pavement
 - Chisel - Used to cross-cut concrete, trenching in rock and scaling. The flat chisel is good for controlling the break in a linear fashion as to not allow the concrete to break across a line.
 - Cross-Cut Chisel, P/N 29514-152 (Standard Tool) ideal for trenching work and finishing slopes
 - In-Line Chisel, P/N 29514-153 (Specialty Tool) for trenching work and finishing slopes
 - Flat Chisel (Blunt), P/N 29514-154 (Specialty Tool) ideal for trenching work and finishing slopes
 - Conical Point, P/N 29514-150 (Specialty Tool) used for breaking hard stone - reserved for larger breakers

Trenchers

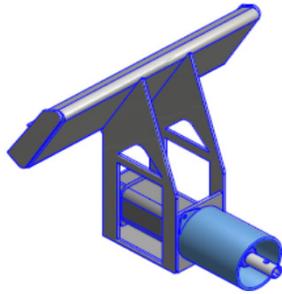


- Trencher available in four digging depths
 - 24" (61 cm) Trencher with 4.5" (11.4 cm) wide cup cutter teeth, P/N 29513-238
 - 24" (61 cm) Trencher with 6.0" (15.2 cm) wide 70/30 combo teeth, P/N 29513-239
 - 24" (61 cm) Trencher bar has 25 stations with teeth every station
 - 30" (76 cm) Trencher with 4.5" (11.4 cm) wide cup cutter teeth, P/N 29513-242
 - 30" (76 cm) Trencher with 6.0" (15.2 cm) wide 70/30 combo teeth, P/N 29513-243
 - 30" (76 cm) Trencher bar has 29 stations with teeth every station
 - 36" (91.4 cm) Trencher with 4.5" (11.4 cm) wide 70/30 combo teeth, P/N 29513-246
 - 36" (91.4 cm) Trencher with 6.0" (15.2 cm) wide 70/30 combo teeth, P/N 29513-204
 - 36" (91.4 cm) Trencher bar has 32 stations with teeth every station
 - 48" (122 cm) Trencher with 6.0" (15.2 cm) wide cup cutter teeth, P/N 29513-250
 - 48" (122 cm) Trencher with 6.0" (15.2 cm) wide 70/30 combo teeth, P/N 29513-249
 - 48" (122 cm) Trencher bar has 41 stations with teeth every station
- 24" (61 cm) to 36" (91.4 cm) Trenchers recommended for Boxer 300, 400 and 500 series
- 48" (122 cm) Trencher recommended for Boxer 500 series only
- Cup type cutter teeth are designed for sand and/or silt soils without rock
- 70/30 Combo cup and shark cutter teeth designed for sand/silt soils, clay and rock
- Trencher Features:
 - Planetary drive system
 - Variable depth control trencher adjustment
 - Spring loaded booms with self-adjusting idlers and full rock guards
 - Universal offset mount for side trenching near obstacles
- Includes boom, crumber, spoil auger, chain, universal offset mount and hydraulic hose kit with flat face couplers

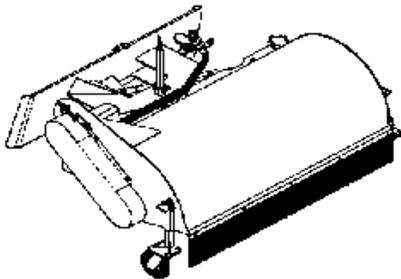
McCullough 1600 Cover-Up (Trench Cover-Up), P/N 32000-804



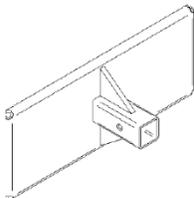
- Used to backfill trenches and minimize ground disturbance from blade gouging
- 46.5" (118 cm) Auger width; 56.5" (143.5 cm) overall width
- 12" (30.5 cm) diameter auger with centered auger opening
- Dynamic drive with 4" (10.2 cm) center opening
- 7.5" (19 cm) vertical travel to compensate for uneven terrain
- Attachment floats on wheels to minimize ground disturbance and protect turf
- For use on all Boxer models
- Includes universal mount with hydraulic hoses and flat face couplers

Horizontal Earth Drill (Boring Unit), P/N 29513-628

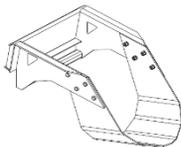
- Used for horizontal boring beneath sidewalks and driveways
- Accurately bores up to 60' (18.3 meters) length at 2.5" (6.4 cm) diameter
- Boring speeds up to 5 FPM (1.5 m/min)
- Requires drill kit, P/N 29513-629 for operation which includes (shown right):
 - (4) 7/8" (22 mm) x 1/2" (13 mm) x 5' (1.5 meters) long drill rods
 - (1) 1-3/4" (45 mm) diameter mole
 - (1) 2.5" (64 mm) diameter back reamer
 - (1) Swivel shank
 - (1) Button Kit (13/16"/21 mm connection)
 - (1) Uncoupler (13/16"/21 mm connection)
- For use on all Boxer models
- Includes universal mount with hydraulic hoses and flat face couplers

**Angle Broom (Sweeper)**

- Used for clearing debris, general clean-up, snow removal and dethatching lawns
- Angle broom available in three sizes
 - 42" (106.7 cm) wide sweeper, P/N 29514-539
 - 8 to 15 GPM (30 to 57 LPM) flow requirement
 - For use on all Boxer models
 - Requires control box, P/N 29514-567 for Boxer 300/400 hydraulic angling
 - 48" (122 cm) wide sweeper, P/N 29514-540
 - 8 to 15 GPM (30 to 57 LPM) flow requirement
 - For use on all Boxer models
 - Requires control box, P/N 29514-567 for single remote unit hydraulic angling
 - 60" (152.4 cm) wide sweeper, P/N 29514-541
 - 10 to 18 GPM (38 to 68 LPM) flow requirement
 - For use on all Boxer 400/500 series
 - Requires control box, P/N 29514-567 for single remote unit hydraulic angling
- Broom Features:
 - 30" (76.2 cm) poly and wire brush with quick change core
 - 30° hydraulic left/right angling
 - Sweeps flush to curb
- Includes universal mount with hydraulic hoses and flat face couplers

Universal Hitch Receiver, P/N 40020-808

- Used for transporting wheeled equipment and trailers
- Accepts 2" (50 mm) trailer hitch
- Top and bottom support gussets for added strength and durability
- Does not include hitch or hitch pin
- For use on all Boxer models
- Includes universal mounting plate

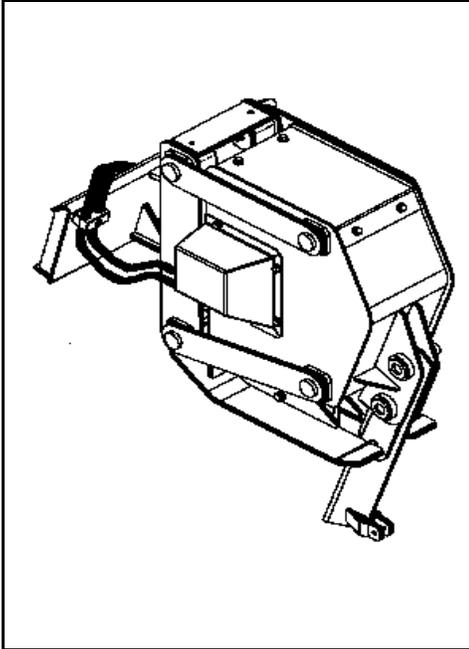
Power Shovel, P/N 29514-542

- Ideal for removing and transplanting small trees, shrubs, bushes and ornamentals
- No hydraulics or electrical required
- Includes universal mount
- For use on all Boxer models

Stump Planer, 10", P/N 29513-579

- Used for stump removal - easily attaches to high torque auger drive for a no mess finish
- 10" (254 mm) cutting diameter
- 2.56" (65 mm) diameter round input shaft
- 25" (635 mm) attachment length
- Requires high torque auger drive, P/N 29513-547 for operation
- Replaceable pilot assembly, P/N 29513-581 and Cutter Blades, P/N 29513-582
- For use on all Boxer models

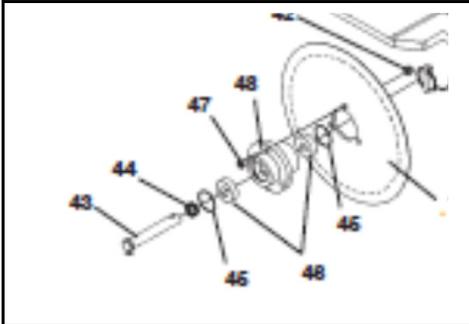
Vibratory Plow and Plow Options



- Used for pulling pipe, cable and electrical wire up to 1.5" (38 mm) diameter
- Used by irrigation, landscape, utility and electrical contractors
- Only requires starter trench for minimal ground disturbance
- Creates knife like slit in the ground that virtually disappears when machine passes
- Removable coultter wheel (shown left center)
 - Coultter wheel cuts sod ahead of plow blade
- Available in two motor sizes for optimum performance
 - Vibratory Plow for Boxer 300/400 series, P/N 29514-937
 - 8 to 11 GPM (30 to 42 LPM) hydraulic flow requirement
 - Vibratory Plow for Boxer 400/500 series, P/N 29514-925
 - 10 to 14 GPM (38 to 53 LPM) hydraulic flow requirement
- Available vibratory plow options:
 - Cable Reel Mount, P/N 29514-935 holds (2) 24" (61 cm) max diameter cable reels
 - Pull bullet assembly for pulling cable (attaches to blade with 3/8" (10 mm), GR-8 bolt)
 - 0.75" (19 mm) to 0.99" (25.2 mm) diameter cable pull grip, P/N 29514-932
 - 1" (25.4 mm) to 1.24" (31.5 mm) diameter cable pull grip, P/N 29514-933
 - 1.25" (31.8 mm) to 1.49" (37.9 mm) diameter cable pull grip, P/N 29514-934
 - 2.5" (63.5 mm) diameter pull bullet, P/N 29513-627
 - Pipe bullet assembly for pulling pipe (attaches to blade with 3/8" (10 mm), GR-8 bolt)
 - 1" (25.4 mm) to 1.5" (38 mm) pipe bullet assembly, P/N 29513-631

Coultter Wheel Assembly

Vibratory Plow Blade Options

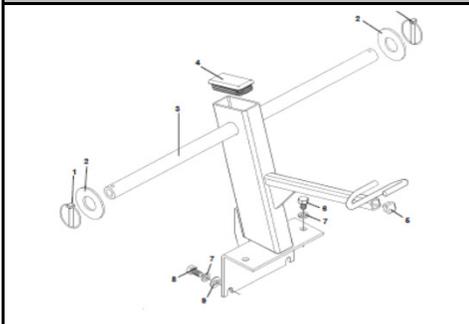


- 3/8" (10 mm) Blade options**
- 0.375" (3/8" or 10 mm) wide knife blade used for direct vibratory plowing applications. This blade type is used in conjunction with pipe or pull bullet assemblies, pulling from a stationary reel.

	Blade Width		Degree	Clevis		Digging Depth	
	US	Metric	°	US	Metric	US	Metric
	0.375"	10 mm	20°	1"	25.4 mm	6" to 12"	15 to 31 cm
	0.375"	10 mm	30°	1"	25.4 mm	6" to 12"	15 to 31 cm
	0.375"	10 mm	20°	1"	25.4 mm	12" to 18"	31 to 46 cm
	0.375"	10 mm	30°	1"	25.4 mm	12" to 18"	31 to 46 cm

Cable Reel Mount

1/2" (13 mm) Blade options



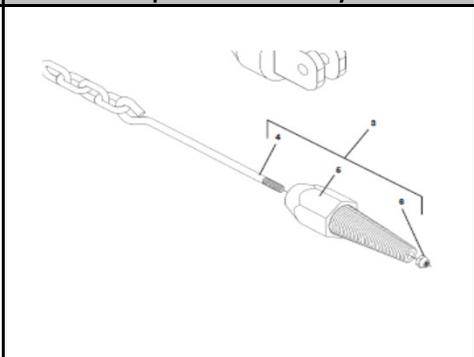
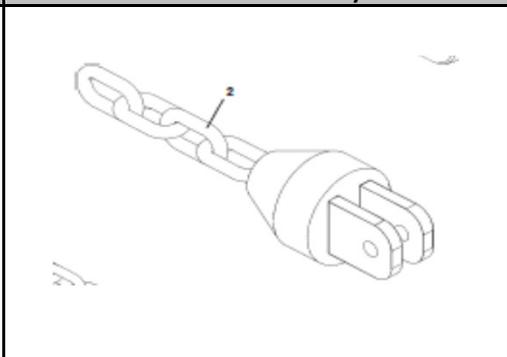
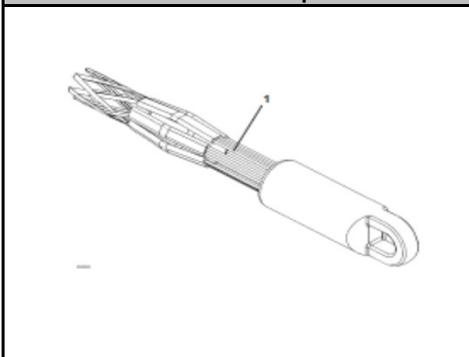
- 0.500" (1/2" or 13 mm) wide chute blade used with cable reel mount option for pulling cable or cable-in-conduit up to 1/2" (13 mm) diameter - maximum

	Blade Width		Degree	Clevis		Digging Depth	
	US	Metric	°	US	Metric	US	Metric
	0.500"	13 mm	20°	N/A	N/A	6" to 12"	15 to 31 cm
	0.500"	13 mm	30°	N/A	N/A	6" to 12"	15 to 31 cm
	0.500"	13 mm	20°	N/A	N/A	12" to 18"	31 to 46 cm
	0.500"	13 mm	30°	N/A	N/A	12" to 18"	31 to 46 cm
	0.500"	13 mm	20°	N/A	N/A	18" to 24"	46 to 61 cm
	0.500"	13 mm	30°	N/A	N/A	18" to 24"	47 to 61 cm

Cable Pull Grip

Pull Bullet Assembly

Pipe Bullet Assembly



System Trailer, P/N 29514-604



Also available in flat configuration, P/N 29514-606 - without trencher tray, fork tubes and auger stands



Standard Features

- Dexter EZ Lube axles with torsion suspension
- Hydraulic surge brakes
- LED lights
- 7-pin flat electrical connector
- Spring assisted steel ramps with support stands
- 7,000 LB (3,170 KG) drop leg jack
- 4-way safety plate deck and tongue area
- (6) 'D' Ring tie down points
- Easily replaceable plastic, bolt-on fenders with steel reinforcement supports
- 2-5/16" (59 mm), height adjustable, ball coupler
- Safety chains
- Spare tire and rim with mount
- Trencher tray, pallet fork rack, auger drive/bit stand and (2) auger bit holders
- Conduit enclosed wiring harness
- Black powder coat finish
- License plate holder with light

Specifications

Specification	US	Metric
GVWR	7,000 LB	3,170.4 KG
Empty Weight	2,040 LB	924 KG
Payload	4,960 LB	2246.5 KG
Deck Length	118"	300 cm
Usable Deck Width	61"	155 cm
Overall Width	88"	223.5 cm
Overall Length	203.25"	516.3 cm
Overall Height	71.5"	181.6 cm
Axle Capacity (Ea)	3,500 LB	1,585.2 KG
Tire Size	ST205/75R15C	ST205/75R15C
Frame and Tongue	4" Channel	10 cm Channel
Cross Members	2" Channel	5 cm Channel



Available Options

- 4-Point chain and binder kit, P/N 29514-605 includes chains, binders, slip hooks and clevis/pins
- Also available in flat version, P/N 29514-606 without trencher tray, auger bit stanchions and pallet fork tubes

Additional Details

- Ships from Matthews, NC
- 4-week lead time after receipt of order (ARO)
- Fits most Boxer models

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