



PALADIN™
POWERFUL ATTACHMENT TOOLS



COMPACT TRACTOR ATTACHMENTS



COMPACT TRACTOR ATTACHMENTS

For Compact Tractors with Universal Skid-Steer Hitch

Paladin offers a variety of attachments for Compact Tractors ranging in size, capability, and duties. Attachments include:

- 4-in-1 Buckets
- Adapter Plates
- Angle Brooms
- Backhoes
- Bale Spikes
- Debris Scrapers and Buckets
- Grapples
- Forks



Also available is an Auxiliary Hydraulic Conversion Kit used to convert existing tractor loader two-function hydraulics to allow a third function for controlling various hydraulic accessory attachments.



PALADIN™
POWERFUL ATTACHMENT TOOLS

The Power of Combined Excellence®



Division of
IES INTERNATIONAL
EQUIPMENT
SOLUTIONS

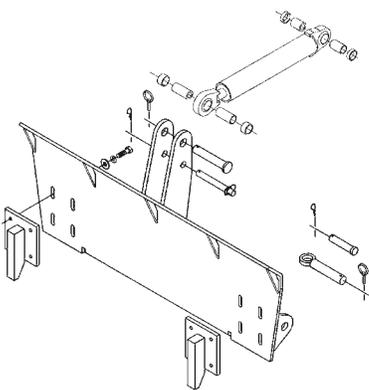
Specifications	108196	108198
Width (overall)	60"	72"
Height (overall)	27"	27"
Length without teeth (overall)	28"	28"
Front Length without teeth	15"	15"
Rear Length	14"	14"
Grapple Opening	28"	28"
Weight (lbs)	360	425
Maximum Capacity (sq. ft.)	11.2	13.5
Maximum Clam Force (lbs.)	3,600	3,600



4-IN-1 MULTI-PURPOSE BUCKET

60" and 72" models available. Functions as a loader bucket, clam, grapple, dozer, box scraper, & bottom dump bucket. Has Strong hinges & pins to distribute load. The bottom dump buckets allows the operator to dump into high side board trucks

- 100,000 yield light weight material construction allows more load capacity
- Optional bolt-on tooth bar available



ADAPTER PLATE

Permits the use of skid-steer attachments such as pallet forks and landscape tools and tractor 3-point. Rugged design and positive locking wedges.

- Quickly pins to tractor 3-point and wedge attaches to your skid-steer attachments
- Top link cylinder kit replaces the tractor top link for hydraulically positioning attachments

Subject to change without notice.

Specifications			
Front-Mount Hydraulic Drive Driven From Rear 540 PTO			
	MRH4	MRH5	MRH6
Width	48"	60"	72"
Angle	Manual	Manual	Manual
Brush Diameter	26"	26"	26"
Weight	480 lbs	540 lbs	600 lbs
Front-Mount Hydraulic Drive Driven From Mid 2000 PTO			
	MRHMP4	MRHMP5	MRHMP6
Width	48"	60"	72"
Angle	Manual	Manual	Manual
Brush Diameter	26"	26"	26"
Weight	480 lbs	540 lbs	600 lbs

Specifications	RMRM4	RMRM5	RMRM6
Width	48"	60"	72"
Angle 30°	40"	52"	64"
Brush Diameter	24"	24"	24"
Weight	370 lbs	430 lbs	490 lbs

Specifications	21248	21249	21260	21261	21272	21273
Width	48"	48"	60"	60"	72"	72"
Angle	Manual	Manual	Manual	Manual	Manual	Manual
Brush Diameter	30"	24"	26"	30°	26°	30°
Weight	380 lbs	460 lbs	440 lbs	490 lbs	500 lbs	55- lbs
GPM	8-15	10-17	8-15	10-17	8-15	10-17
PSI	1200-2500	1200-2500	1200-2500	1200-2500	1200-2500	1200-2500

FRONT MOUNTED ANGLE BROOM

For Compact Tractors

Features Hydraulic Drive and Hydraulic pump driven from rear or mid PTO. Angles manually 30° left or right, with hydraulic angle kit available. Brush drive slips easily out of the core without removing the hydraulic lines. The Brush lift is operated from the tractor's hydraulic system.

3-POINT MOUNTED ANGLE BROOM

For Compact Utility Tractors

Features Rear-Mount Mechanical Drive driven from rear 540 PTO. Angles manually 30° left or right. Includes steel hood, chain shield, height adjustment chains, and mounting pins. T-Shaft gearbox allows for reversal of brush rotation of mechanical drive.

ANGLE BROOM

For Compact Tractors

Includes quick change core. Angles manually 30° left or right, with hydraulic angle kit available. Brush drive slips easily out of they core without removing hydraulic lines from the wheel motor. Hydraulic motor driven from the loader's hydraulic system. Independent hydraulic system available for vehicles without adequate hydraulic systems.

FRONT MOUNTED ANGLE BROOM



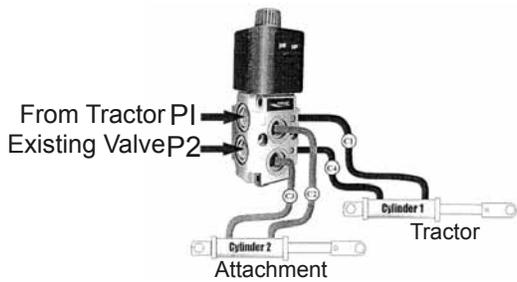
3-POINT MOUNTED ANGLE BROOM



ANGLE BROOM FOR COMPACT TRACTORS



Subject to change without notice.



AUXILIARY HYDRAULIC CONVERSION KIT

Used to convert existing tractor loader 2-function hydraulics to allow a 3rd function for controlling various hydraulic accessory attachments, for example hydraulic grapples and multipurpose buckets. Can plumb into existing loader bucket cylinder circuit.

Specifications	365	485	509	511
Max digging depth	6'6"	8'5"	9'8"	11'1"
Digging depth 2 ft. flat bottom	6'4"	8'4"	9'7"	11'0"
Digging depth 8 ft. flat bottom	4'4"	4'4"	8'3"	9'11"
Overall operating height, raised	9'	10'1"	12'10"	14'5"
Loading height	4'7"	5'3"	6'10"	8'0"
Loading reach	4'1"	4'10"	4'2"	5'0"
Reach from swing post	9'	10'7"	12'9"	14'5"
Stabilizer spread operating position	7'3"	7'6"	7'11"	7'11"
Stabilizer down below grade	10"	10"	16"	16"
System relief valve setting (psi)	2,250	2,750	2,500	2,500
Digging force bucket cylinder (lbs)	2,599	3,895	4,768	4,768
Digging force dipper cylinder (lbs)	1,358	2,358	2,162	2,567
Weight with 12" bucket (lbs)	712	1,010	1,425	1,594

BACKHOES

Several classes available depending on desired weight & digging force. 180° bucket rotation and swing arch. Heavy-duty construction grade available for heavy-duty applications. Equipped with cushioned cylinders.

- 6'4" to 11'0" digging depths
- Various optional accessories

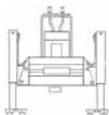


Optional Accessories

fixed & hydraulic thumb



vertical stabilizers



quick hitch coupler

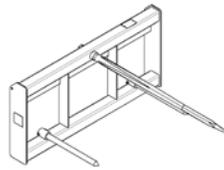
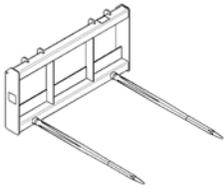


heavy-duty quick coupler bucket



Subject to change without notice.

Specifications	10700	10704
Width (overall)	45.3"	45.3"
Height (overall)	22.4"	23.1"
Depth (overall)	50.5"	50.5"
Spear Length	49.0"	49.0"
Shipping Weight (lbs)	145	155
Bale Capacity (lbs)	2,000	3,000
Main Spear	(1) 1.75"x49"	(2) 1.75"x49"
Stabilizer Spear	(2) 1.25"x20"	(1) 1.25"x20"
Type of Bale	Round	Round/Square

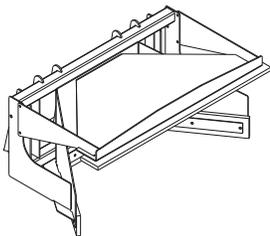


BALE SPIKE

Built to lift, transport, and stack round or square bales of organic materials. Designed to fit a large number of compact tractors.

- Provides excellent visibility
- Keeps bale closer to machine for safe handling

Specifications	10711-60	10711-72	10711-84	10711-96
Width (overall)	60"	72"	84"	96"
Height (overall)	28"	28"	28"	28"
Depth (overall)	29"	29"	29"	29"
Weight (lbs)	320	355	395	430

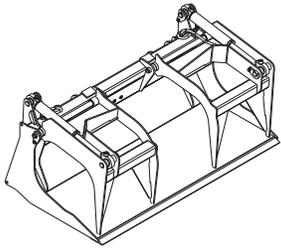


DEBRIS SCRAPER

Moves large volumes of snow efficiently. Ideal for waste water, manure, feed lots and flood clean-up. Optional pull back kit draws back snow from building, fences and confined areas.

- Rubber edge 1"x6" on scraper and pull back blade

Specifications	10705-60	10705-66	10705-72
Width (overall)	64.2"	66.6"	72.8"
Height (overall)	27.7"	28.7"	29"
Depth (overall)	32.5"	32.5"	34.5"
Grapple Opening	32.5"	32.5"	34.7"
Weight (shipping)	560 lbs	595 lbs	635 lbs
Maximum Tractor	40 HP	40 HP	40 HP



DEBRIS BUCKET

For Compact Tractors and most Skid-Steers

Ideal for Brush and refuse removal loads material.

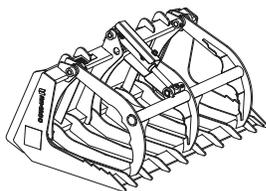
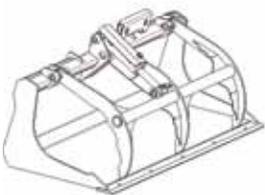
- 1.25 stress proof and zinc plated pins

Specifications	Brush			Scrap
	108597	108548	108415	108605
Width (overall)	48"	54"	72"	48"
Height (overall)	25.5"	25.5"	25.63"	25.6"
Length (overall)	30.5"	30.5"	30.5"	30.0"
Tine Spacing	5.7"	5.7"	5.7"	NA
Grapple Opening	29.0"	29.0"	29.0"	28.2"
Clamping Force (lbs)	1,100	1,100	1,100	1,100
Grapple Opening	3	3	3	3
Cylinders	1	1	1	1
Weight (lbs)	275	285	385	330

GRAPPLES

Aggressive grapple made of high strength steel for maximum performance and durability. Cylinder guard design protects cylinder while preventing build-up of debris. Great for cleaning up and transporting branches, brush, and limbs.

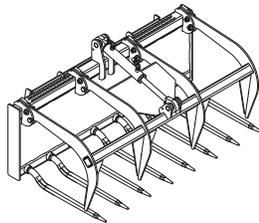
- Provides excellent visibility
- Contact factory for loader auxiliary hydraulic kit



Subject to change without notice.



Specifications	10708			
Width (overall)	60"	72"	84"	96"
Height (overall)	25"	25"	25"	25"
Depth (overall)	30"	30"	30"	30"
Grapple Opening	37"	37"	37"	37"
Weight (shipping)	485 lbs	535 lbs	660 lbs	731 lbs
Maximum Tractor HP	40 HP	40 HP	40 HP	40 HP
Maximum Operating Weight	4,000 lbs	4,000 lbs	4,000 lbs	4,000 lbs



MANURE GRAPPLE

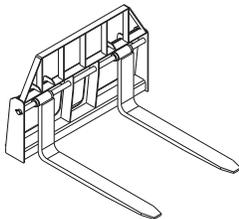
For Compact Tractors and most Skid-Steers

Moves loose hay & manure. Ideal for moving brush and small branches.

- Provides excellent visibility



Specifications	10703-42	10703-48
Width (overall)	47.625"	47.625"
Height (overall)	31"	31"
Depth (overall)	51"	57"
Weight (lbs)	335	355



PALLET FORKS

For Compact Tractors and most Skid-Steers

Equipped with standard brick guard and adjustable tines. Floating pin. Utilizes shaft styles 1.38x4.75x42" or 48".

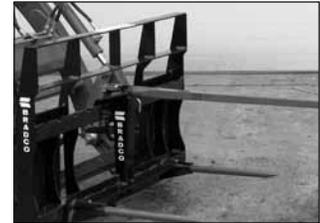
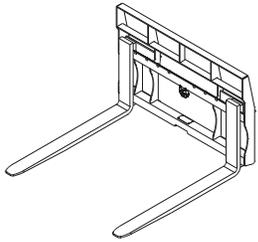
- 42" and 48" for tine lengths available

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Specifications	108307	108308	108309
Width (overall)	45.2"	45.2"	45.2"
Height (overall)	5.6"	5.6"	5.6"
Adjustable Spacing - Maximum	42.5"	42.5"	42.5"
Weight (lbs)	265	265	265

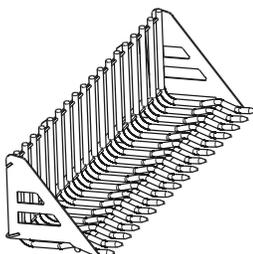


PALLET FORK

High strength lightweight frame for larger pay load. Open guard for excellent visibility. Patented load retention ring. Class II ITA fork with positioning lock pin. Optional Auger mount, Bales Spear, and 2" Receiver Hitch.

- 36", 42" & 48" tines available
- 2,300 rated capacity at 24" load center

Specifications	108603
Width (overall)	55.3"
Height (overall)	21.5"
Length (overall)	23.5"
Tine Spacing (between tines)	2.0"
Number of tines	18
Tine Rod Diameter	1.13"
Weight (lbs)	278



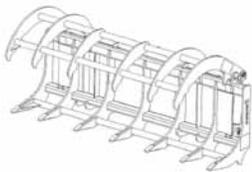
ROCK BUCKET

Designed to collect rocks and debris, allowing soil to sift through. Rake design allows for fast clean-up, ground leveling and gathering materials away from buildings and obstructions. Leave the dirt and pay less at the land fill! Exclusive Bradco engineered alloy allows for higher strength and impact resistance.



Subject to change without notice.

Specifications	109982	109983	109984
Width (overall)	60"	66"	72"
Height (overall)	28.1"	28.1"	28.1"
Length (overall)	19.5"	19.5"	19.5"
Tine Spacing (between tines)	12.0"	9/12/9"	12.0"
Grapple Width	57.1"	57.1"	57.1"
Grapple Opening	32.5"	32.5"	32.5"
Weight (lbs)	303	409	418

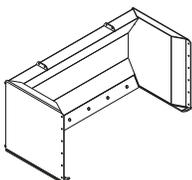
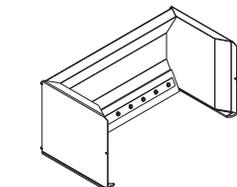


ROOT RAKE

Designed to collect rocks and debris, allowing soil to sift through. Rake design allows for fast clean-up, ground leveling and gathering materials away from buildings and obstructions. Leave the dirt and pay less at the land fill! Exclusive Bradco engineered alloy allows for higher strength and impact resistance.



Specifications	10707	10709
Width (overall)	62" to 98"	80" to 120"
Height (overall)	30.75"	39.80"
Depth (overall)	34"	40.50"
Weight (lbs)	453 to 564	886 to 1,030

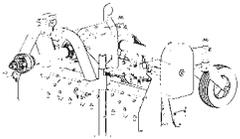


SNOW PUSH & TRIP EDGE SNOW PUSH

Efficiently moves large volumes of snow. Ideal for waste water, manure, feed lots, and flow clean-up. Optional pull back kit draws snow from buildings, fences and confined areas. Cutting edge trip system allows operator to glide over manholes and curbs without losing gathered materials.

Subject to change without notice.

Specifications	TM-4	TM-5
Weight (lbs)	550	575
Length (overall)	49"	48"
Width (overall)	57"	69"
Raking Width	48"	60"
Raking Width (full angle)	46"	58"
Angle Roll R or L	15°	15°
Roll-Back Barrier Range	.125" to 2"	.125" to 2"
3-Point Attachment	Limited Cat. 1	Limited Cat. 1



TM4 & TM5 RAKES

Increase the value of your compact tractor with greater versatility & job opportunities. Prepare landscape in tight places where maneuverability is needed. Adjustable polyurethane barrier above the roller allows you to quickly react to soil moisture conditions, from opening up muddy sites to finishing with the perfect seedbed. Grade, level, rake and remove debris. Pulverize and prepare seedbed, dethatch or remove old lawns and weeds, all with one tool!

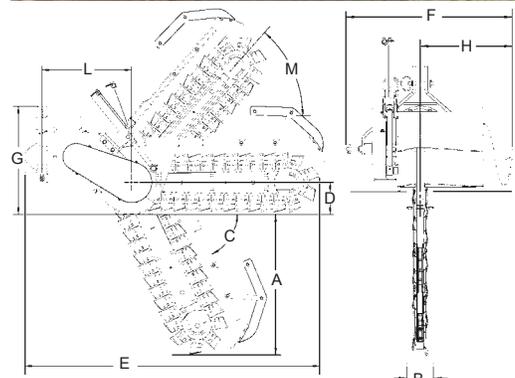
- 4ft and 5ft available

Specifications	330	
Transport		
A. Trench Depth with Auger at 65° Digging Angle	30"	36"
B. Chain Width	3.0"	3.0"
	4.5"	4.5"
	6.0"	6.0"
	8.0"	8.0"
C. Recommended Trenching Angle	65°	65°
D. Headshaft Height (Auger Touching Ground)	8.5"	8.5"
E. Overall Length	73"	79"
F. Overall Width	38"	38"
G. Overall Height	29"	29"
H. Spoil Discharge Reach	21"	21"
L. Length from 3-Point to Headshaft (center of gravity)	24"	24"
M. Transport Angle	48°	48°
Weight with 6" x 36" chain, boom & crumber	650 lbs	
Hydraulic System		
Operating Hydraulic System	2000 to 25000 PSI	
Rear PTO RPM Rating	540 RPM	
Rear PTO HP Rating	15 to 30 HP	

Subject to change without notice.

330 TRENCHER

Bradco 330 Trencher requires rear hydraulics to run machine. Comes with light/medium duty boom and crumber with replaceable wear strips. Easy installation and operation.



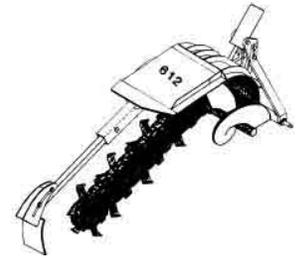
Specifications	612
Trench Depth	30", 36", 48", 60"
Trench Width	6", 8", 10", 12"
Trenching Angle	65°
Auger Diameter	24"
Width (overall)	43"
Headshaft Height (auger at grade)	12"
3-point length to headshaft	24"
Spoil Discharge Reach	29"
Transport Height	Varies
Center of Trencher to End of Auger	27"
Trencher Length with 4ft boom	96"

Maximum Trenching Depths Based on Trench Width	
6" wide chain	60" deep
8" wide chain	48" deep
10" wide chain	36" deep
12" wide chain	30" deep

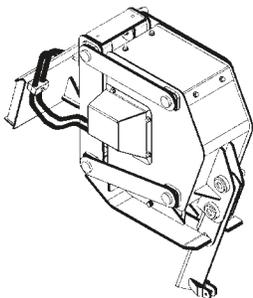
612 TRENCHER

Chain reduction drive system. 50,000 double standard, anti-back flex chain.

- 20 to 45 HP Cat. 1 hydrostatic tractor
- Boom lengths from 30" to 60"
- Chain widths from 6" to 12"



Specifications	VP10
Width (overall)	25"
Length (overall)	36"
Height (overall)	27"
Flow Requirements (GPM)	8 to 14
Operating Pressure	1,500 to 3,000
Weight (lbs)	510



VIBRATORY PLOW (VP10)

Hydraulic motor includes high-pressure seal and internal valve for extended motor life and performance. Two motor size options for maximum performance for almost any loader. Low-maintenance exciter unit generates up to 5,000 lbs of force. Offers steering, removable pressure foot and cutler wheel and less ground disturbance.

- Optional plow mounted cable reel and blade choices

Subject to change without notice.

Specifications		X825	
Maximum auger diameter	18"	457 mm	
Minimum hydraulic flow	10 GPM	46 lpm	
Maximum hydraulic flow	14 GPM	64 lpm	
Maximum Continuous Operating PSI	3000 PSI	207 bar	
Output shaft options	2" hex	51 mm	

Output Speed		
Flow		Speed
10 GPM	45 LPM	63 RPM
12 GPM	55 LPM	75 RPM
14 GPM	64 LPM	88 RPM

Output Torque			
Pressure		Torque	
1500 PSI	103 BAR	733 lb. ft.	994 N. m.
2000 PSI	138 BAR	978 lb. ft.	1326 N. m.
2500 PSI	172 BAR	1222 lb. ft.	1657 N. m.
3000 PSI	207 BAR	1467 lb. ft.	1988 N. m.

Specifications		X1225	
Maximum auger diameter	24"	610 mm	
Minimum hydraulic flow	14 GPM	64 lpm	
Maximum hydraulic flow	18 GPM	82 lpm	
Maximum Continuous Operating PSI	3000 PSI	207 bar	
Output shaft options	2" hex	65 mm	

Output Speed		
Flow		Speed
14 GPM	64 LPM	72 RPM
16 GPM	73 LPM	82 RPM
18 GPM	82 LPM	92 RPM

Output Torque			
Pressure		Torque	
1500 PSI	103 BAR	900 lb. ft.	1220 N. m.
2000 PSI	138 BAR	1199 lb. ft.	1626 N. m.
2500 PSI	172 BAR	1499 lb. ft.	2033 N. m.
3000 PSI	207 BAR	1799 lb. ft.	2439 N. m.

X825 & X1225 AUGERS

Wide variety of auger lengths and styles for every digging application. Extension available for deeper digging. Various mounts available for most applications.

- Augers available up to 36" in diameter



Subject to change without notice.