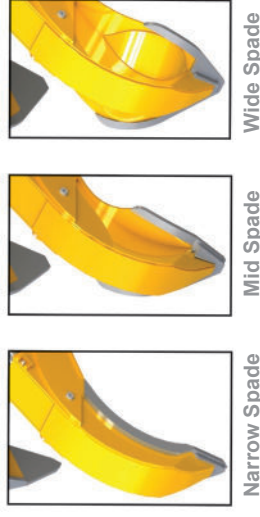


The **Builtrite, Patented, 4TKG Series Orange Peel Grapple** is designed for heavy duty applications like scrap and solid waste handling. Six model sizes are offered, with three spade options, which covers the widest range of material handlers and excavators. Key features include:

- Low upper head profile allows more vertical reach for higher stacking.
- Two, 45° bends in the arms create a geometry that allows for more capacity. The lower 1/3 of the arms are perpendicular to the ground, allowing them to grab bulky items and the ability to reach into corners of trucks, trailers and rail cars more effectively.
- Grapple arms constructed of high strength, abrasion resistant steel. Tine tips made from AR 500 plate for maximum wear resistance.
- High pressure, well protected cylinders. The cylinder rods are completely shrouded (bolt-on) and travel within the grapple arms, protecting them from potential damage.
- Heavy duty rotation using a high torque motor and heavy duty bearing. 4TKG 125 and larger models utilize dual hydraulic motors.
- Mechanical stops prevent cylinders from over-stroking.
- Hardened cylinder and pivot pins with aluminum bronze bushings.
- Easily accessible, yet well protected grease zerks.



**Heavy Duty
Rotation**
-20" (508mm) Bearing

**Heavy Duty, Bolt-On
Cylinder Shrouds**

**Fully Boxed
Grapple Tines**

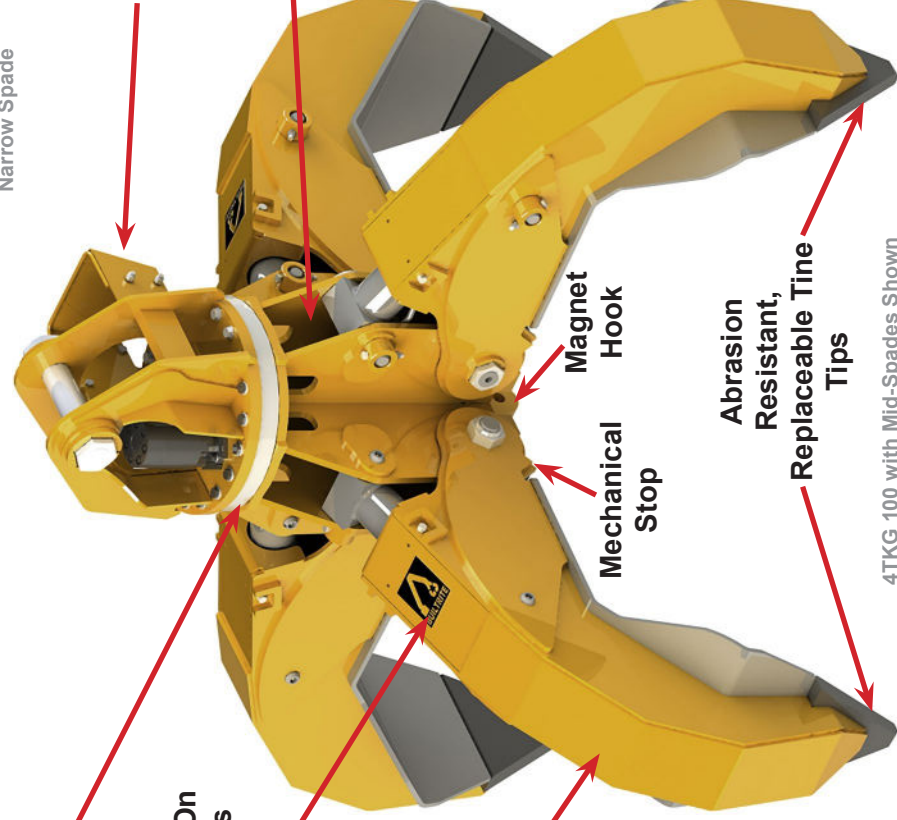
**Heavy Duty
Hose Guard**

**Easily Accessible
Hydraulic Collector**
(Swivel Manifold)

**Magnet
Hook**

**Mechanical
Stop**

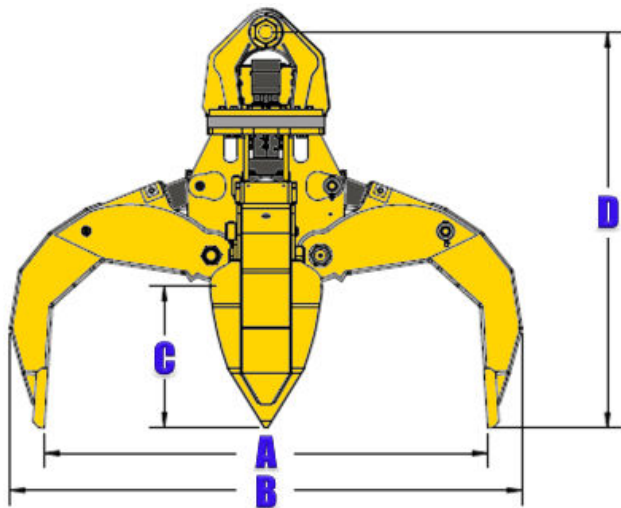
**Abrasion
Resistant,
Replaceable Tine
Tips**



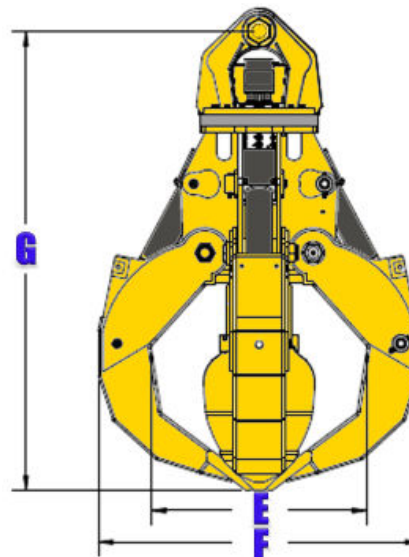
4TKG 100 with Mid-Spades Shown

Builtrite, 4TKG Series, Four-Tine, Orange Peel Grapple Specifications

Model	Volume @ Full Close		Volume @ 60% Close (approx.)		Weight		Opening (A)		Overall Width (B)		Depth @ Full Open (C)		Height @ Full Open (D)		Inside Width @ Full Close (E)		Outside Width @ Full Close (F)		Height @ Full Close (G)	
	Yd. ³	M ³	Yd. ³	M ³	Lbs.	Kg.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
4TKG-50	.50	.4	.75	.6	3,200	1,454	69	1,753	84	2,134	22	559	66	1,676	33	838	56	1,422	76	1,930
4TKG-75	.75	.6	1.3	1.0	3,400	1,542	77	1,956	89	2,261	25	635	69	1,753	38	965	57	1,448	81	2,057
4TKG-100	1.0	.8	1.5	1.15	3,600	1,636	89	2,261	100	2,540	28	711	72	1,829	39	991	59	1,499	86	2,184
4TKG-125	1.25	1.0	1.9	1.5	4,150	1,886	94	2,388	108	2,743	32	813	81	1,057	44	1,118	64	1,626	96	2,438
4TKG-150	1.5	1.2	2.25	1.75	4,300	1,955	104	2,642	117	2,972	28	711	79	2,007	45	1,143	71	1,803	99	2,515
4TKG-200	2.0	1.5	3.0	2.3	5,100	2,318	113	2,870	126	3,200	37	940	87	2,210	49	1,245	76	1,930	126	3,200



4TKG 75 Shown



Hydraulic Requirements							
MODEL	FUNCTION	FLOW GPM / LPM	PRESSURE PSI / Bar	MODEL	FUNCTION	FLOW GPM / LPM	PRESSURE PSI / Bar
4TKG 50	Open / Close	18-25 / 69-95	2,500-5,000 / 172-345	4TKG 125	Open / Close	28-38 / 106-145	2,500-5,000 / 172-345
	Rotation	4-6 / 13-21	1,800 / 124		Rotation	7-11 / 25-42	1,800 / 124
4TKG 75	Open / Close	18-25 / 69-95	2,500-5,000 / 172-345	4TKG 150	Open / Close	28-38 / 106-145	2,500-5,000 / 172-345
	Rotation	4-6 / 13-21	1,800 / 124		Rotation	7-11 / 25-42	1,800 / 124
4TKG 100	Open / Close	24-33 / 90-124	2,500-5,000 / 172-345	4TKG 200	Open / Close	38-52 / 144-198	2,500-5,000 / 172-345
	Rotation	4-6 / 13-21	1,800 / 124		Rotation	7-11 / 25-42	1,800 / 124

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