

MAGNUM SRA SERIES

PARTS MANUAL



MAGNUM 300SRA
MAGNUM 420SRA
MAGNUM 480SRA

Bucyrus Equipment Co., Inc.
PO Box 156, 209 Central
Hillsdale, Ks 66036
1-800-330-0857
www.magnumenp.com

RE-ORDER NUMBER: SRAMANUAL
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SRA SERIES

MAGNUM 300SRA/420SRA/480SRA PARTS MANUAL

The purpose of this manual is for parts identification of the Magnum SR series harvester. This manual is not to be used for assembly. This manual includes parts lists and illustrations of all available replacement parts for the Magnum SR series harvesters. A table of contents is placed at the beginning of the manual for location of specific parts. Keep this manual available for reference in the shop area.

At the time of publication all information contained in this manual was technically correct. However, all materials and specifications are subject to change without notice.

Comments and suggestions about this manual may be directed to: Bucyrus Equipment Co., Inc., PO Box 156-209 Main, Hillsdale, KS 66036. Phone 1-800-330-0857

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ACCUMULATOR

List of Component Parts			Alternate Service ¹		
	Description	Part Number (OS)	WS	SS	XS
1	Safety Cap	AI-S-308		N/A ²	N/A ²
1	Safety Cap O-Ring	AI-S-309		N/A ²	N/A ²
2	Protective Cap	AI-306	-SS	-4SS	-4SS
3	Valve Cap	AI-S-303			
4	Valve Core	AI-S-304			
5	GT Gas Valve	AI-GT3-309			
5	Gas Valve O-Ring	AI-GT3-311			
6	Bladder Kit ³				
	Buna-Nitrile	AI-1-3KT		-SS	-SS
	Butyl	AI-1-3KT-B		-SS	-SS
	EPR	AI-1-3KT-E		-SS	-SS
	Fluorocarbon	AI-1-3KT-V		-SS	-SS
	Hydrin	AI-1-3KT-H		-SS	-SS
	Low Temp Buna	AI-1-3KT-L		-SS	-SS
7	Hex Jam Nut	AI-S-305	-SS	-SS	-SS
8	Name Plate	AI-S-413			
9	Caution Label	AI-S-421			
10	Anti-Extrusion Ring				
	Buna-Nitrile	AI-1-407	-WS	-WS	-WS
	EPDM	AI-1-407-E	-WS	-WS	-WS
	Fluorocarbon	AI-1-407-V	-WS	-WS	-WS
11	Oil Port ⁴	AI-1-402	-WS	-SS	-SS
12	Stop Nut	AI-1-408	-SS	-SS	-SS
13	Piston	AI-1-405	-SS	-SS	-SS
14	Locknut	AI-1-403	-WS	-SS	-SS
15	Spacer	AI-1-406	-WS	-SS	-SS
16	Spring	AI-1-409	-SS	-SS	-SS
17	Poppet	AI-1-404	-SS	-SS	-SS
18	Shell	Not for Sale	N/A	N/A	N/A
19	Metal Back-Up Ring	AI-1-412	-SS	-SS	-SS
20	O-Ring				
	Buna-Nitrile	AI-1-410			
	EPDM	AI-1-410-E			
	Fluorocarbon	AI-1-410-V			
21	Rubber Back-Up Ring	AI-1-411			
22	Bleed Plug				
	¹ / ₄ " NPT	AI-S-418	-SS	-SS	-SS
	⁷ / ₁₆ "-20 SAE	AI-S-419	-SS	-SS	-SS

Standard Configuration

SA 372 Chrome-moly Steel Shell
C-1018 and 4130 or 4140 Components
³/₄" NPT Female Fluid Port
Buna-Nitrile Rubber Components

Optional Configuration (at extra cost)

AN Gas Valve
Resin Coatings, Internal (WS)
Electroless Nickel Plating, Internal & External (SS)
Resin Coating - ID, 3 Part Marine Epoxy Paint - OD (XS)
Stainless Steel Components
Foreign and Domestic Codes
Call Factory for Other Options

Dimensions⁵

Part Number	Weight
AIQT3100	9.5 lbs

Oil Port Options

Fluid Port Type	Designation
¹ / ₄ " NPT Female	None
Metric Female	-2
¹ / ₈ "-12 SAE Female	-3
Code 61, ¹ / ₄ " SAE Split Flange	4
BSP Female	-7
Other	Call
Special Materials	Call

¹ OS-Oil Service, WS- Water Service, SS-Special Service, XS-Extreme Service

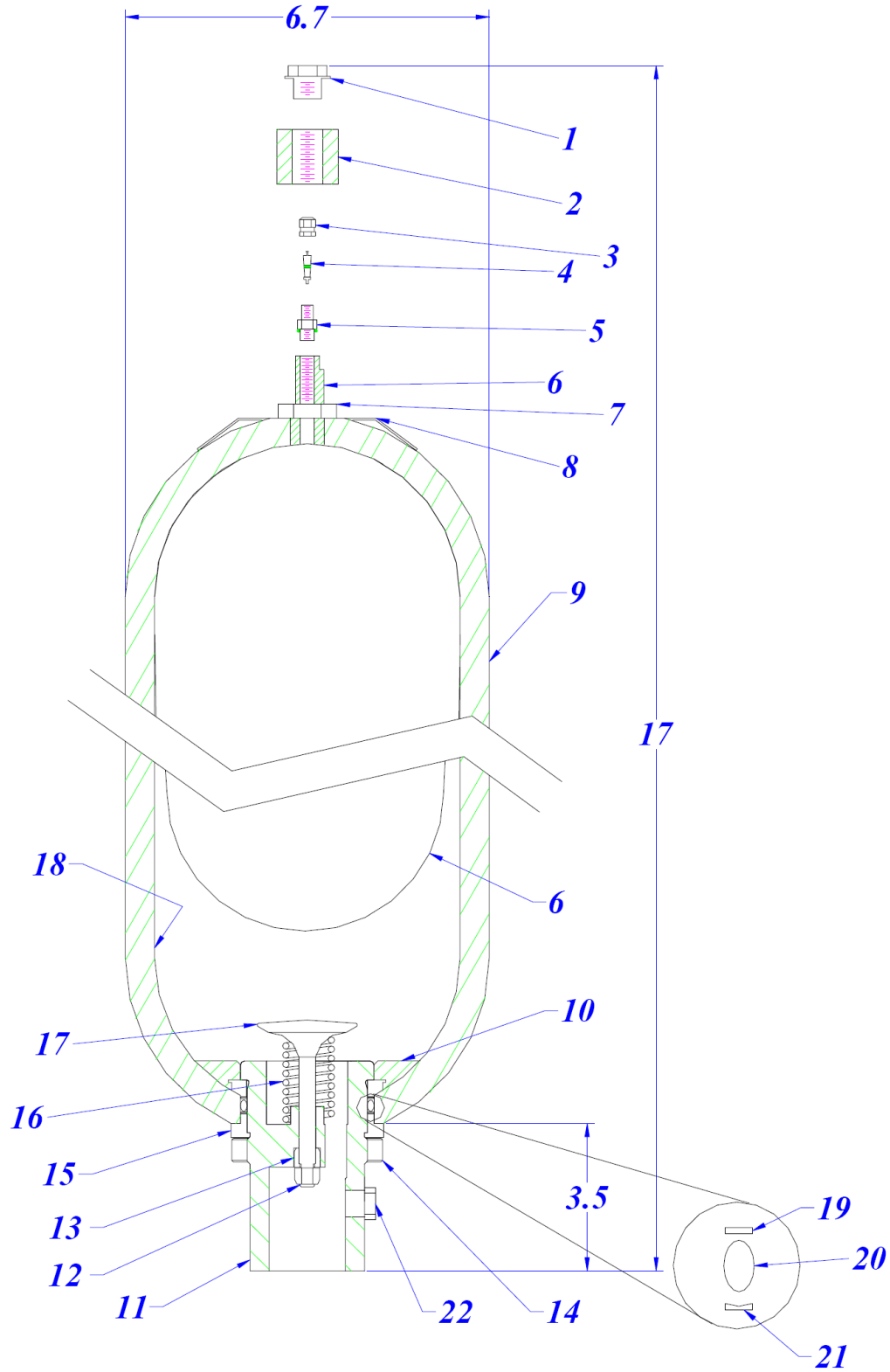
² Special service accumulator uses a solid protective cap

³ Bladder kit consists of the following parts: 3, 4, 5, 18, and 19

⁴ See Oil Port Configuration for options

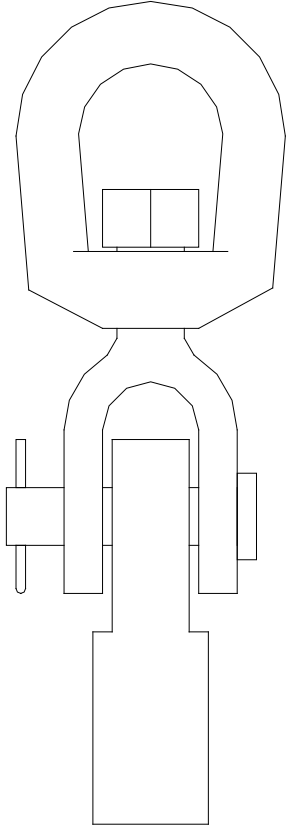
⁵ Nominal dimensions. Manufacturing variations will occur. Allow ¹/₂".

ACCUMULATOR

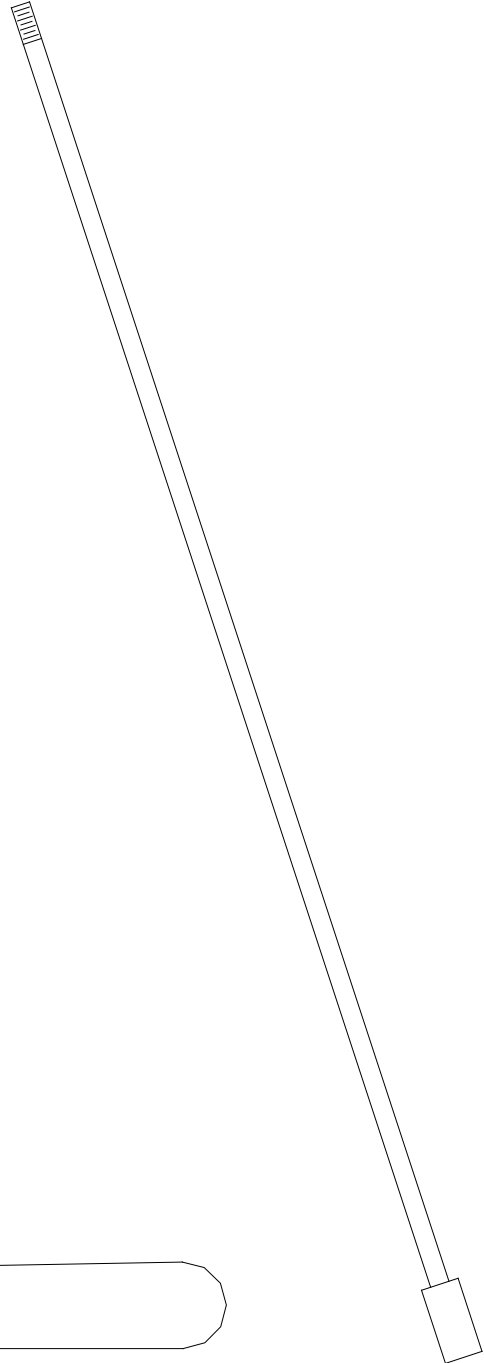


BLADDER REPAIR
KIT TOOLS

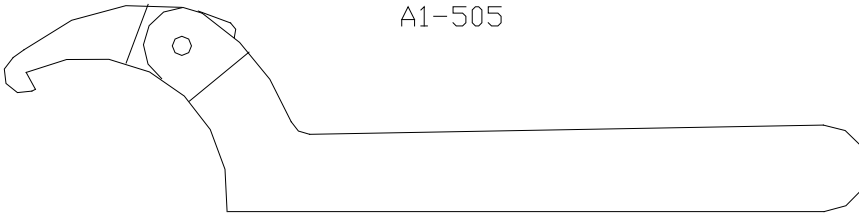
A1-511



A1-501



A1-505



ACCOUNT WORK

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.