

MAGNUM SR SERIES

PARTS MANUAL



MAGNUM 300SR
MAGNUM 420SR
MAGNUM 480SR

Bucyrus Equipment Co., Inc.
Box 156, 209 Main
Hillsdale, Ks 66036
1-800-330-0857
www.magnumharvesters.com

RE-ORDER NUMBER: SRMANUAL
REVISION: SR-100020



SR SERIES

MAGNUM 300SR/420SR/480SR 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

©Copyright 2005 BECI. All information contained within this publication is based on the latest product information at the time of publication. Due to constant improvements in the design and quality of production components, some minor discrepancies may result between the actual vehicle and the information presented in this publication. Depictions and/or procedures in this publication are intended for reference use only. No liability can be accepted for omissions or inaccuracies. Any reprinting or reuse of the depictions and/or procedures contained within, whether whole or in part, is expressly prohibited. Printed in U.S.A.

TABLE OF CONTENTS

Section 1	420/480 Floating Heads
Section 2	420/480 Solid Heads/Coulter Option
Section 3	300 Solid Heads/Coulter Option
Section 4	Depth Control
Section 5	1 st Conveyor
Section 6	2 nd Conveyor
Section 7	Chop Offs
Section 8	Net Dispenser
Section 9	Ramps
Section 10	Tube Racks
Section 11	Control Panel Box
Section 12	Wheel/Hub Assembly
Section 13	Hydraulic Components
Section 14	Valve Body
Section 15	Flow Control Valve

Section 16 Chop Valve

Section 17 Accumulator

Section 18 Hydraulic Tank/Increaser

Section 19 Hose/Hardline Mounts

Section 20 Electrical Components

NET DISPENSER

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	NC200	Net dispenser frame
2	1	NC130	Net shield
3	1	NC132	Skirt board
4	1	NC131	Clamp strip
5	3	13105	3/8"-16x1" Zinc Fin SAE J429 Gr5 Hex Cap Screw
6	6	33859	3/8" Yel Zinc Finish USS Thru-Hard Flat Washer
7	3	33893	3/8" Yel Zinc Fin High Alloy Med Split Lock Washer
8	3	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
9	9	13005	1/4"-20 x 1" Grade 5 Zinc Finish Hex Cap Screw
10	18	33004	1/4" Zinc Finish USS Flat Washer
11	9	33891	1/4" Zinc Finish High Alloy Split Lock Washer
12	9	136302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
13	6	FL100	Flange bearing
14	1	NC110	Net drive shaft
15	1	NC400-2	Rubber hose
16	1	50BS26HT1	Driven sprocket
17	1	NC114SK30	Drive sprocket, clutch & sprag shaft assembly
18	1	NC107	Motor spacer
19	1	151-3442-X	Hydraulic motor
20	4	33894	7/16" Yel Zinc Fin High Alloy Med Split Lock Washer
21	4	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
22	4	13105	3/8"-16 x 1" Zinc Fin SAE J429 Gr 5 Hex Cap Screw
23	1	1 1/2inKEYSTOCK	1/4" KEYSTOCK @ 1 1/2" LG
24	1	NC401	Roller chain
25	1	NC109	Net idler shaft
26	2	NC106	Over-center handle
27	1	NC105L	LEFT Over-center link
28	2	703X400	Spring
29	2	NC122	Net spring bolt
30	4	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
31	4	33859	3/8" Yellow Zinc Finish USS Thru-Hard Flat Washer
32	4	37266	7/16"-14 Grade C Zinc Finish Steel Top Lock Nut
33	2	13107	3/8"-16x1-1/4" Zinc Fin SAE J429 Gr 5 Cap Screw
34	2	13161	7/16"-14 x 2" Grade 5 Zinc Finish Hex Cap Screw
35	2	13161	7/16"-14 x 2" Grade 5 Zinc Finish Hex Cap Screw
36	12	33859	3/8" Yellow Zinc Finish USS Thru-Hard Flat Washer
37	8	33816	7/16" Yel Zinc Finish SAE Thru-Hard Flat Washer
38	4	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
39	4	33894	7/16" Yel Zinc Fin High Alloy Med Split Lock Washer
40	4	13159	7/16"-14x1-1/2" Grade 5 Zinc Finish Hex Cap Screw
41	1	NC115	Net slitter shaft
42	1	NC145	Net slitter guard
43	1	NC116	Net slitter blade
44	1	NC140	Backlash brake
45	1	NC120	Cam
46	2	Y40L	Follower roller



NET DISPENSER

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
47	1	13110	3/8"-16 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
48	4	33859	3/8" Yel Zinc Finish USS Thru-Harden Flat Washer
49			
50	1	37212	3/8"-16 Zinc Finish Grade 5 Finished Rev Lock Nut
51	1	37024	3/8"-16 Gr 2 Zinc Fin NE Steel Nylon Insert Lock Nut
52	2	33859	3/8" Yel Zinc Finish USS Thru-Harden Flat Washer
53	1	37212	3/8"-16 Zinc Finish Grade 5 Finished Rev Lock Nut
54	1	13107	3/8"-16x1-1/4" Zinc Fin SAE J429 Gr 5 Cap Screw
55	1	NC108	Knife
56	4	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
57	4	13107	3/8"-16x1-1/4" Zinc Fin SAE J429 Gr 5 Cap Screw
58	2	F2BSC012	Flange bearing
59	1	420NC118 (300/420) 480NC118 (480)	Brake arm extension
60	1	NC112	Brake arm
61	1	NC113	Brake arm tab
62	1	703X400	Spring
63	2	875X091	Spring
64	1	33817	1/2"x1.062" Thru-Hard Yel Zinc Fin SAE Flat Washer
65	1	45288	1/8" x 1 15/16" Zinc Finish Spring Cotter Pin
66	2	0118797	5/16"-24x1-1/4" Gr 5 Zinc Finish Hex Cap Screw
67	2	33892	5/16" Yel Zinc Fin High Alloy Med Split Lock Washer
68	2	1136454	5/16"-24 Zinc Finish Grade 5 Finished Hex Nut
69	1	13214	1/2"-13x2-3/4" Zinc Fin SAE J429 Gr 5 Cap Screw
70	1	33817	1/2"x1.062" Thru-Hard Yel Zinc Fin SAE Flat Washer
71	1	EF8-12-08	Bushing
72	1	EF8-12-08	Bushing
73	1	37268	1/2"-13 Zinc Plated Hex Top Lock Nut
74	1	33817	1/2"x1.062" Thru-Hard Yel Zinc Fin SAE Flat Washer
75	1	13110	3/8"-16 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
76	1	33893	3/8" Yel Zinc Fin High Alloy Med Split Lock Washer
77	1	37212	3/8"-16 Zinc Finish Grade 5 Finished Rev Lock Nut
78	2	13109	3/8"-16x1-1/2" Zinc Fin SAE J429 Gr 5 Cap Screw
79	4	33859	3/8" Yel Zinc Fin USS Thru-Hardened Flat Washer
80	2	37212	3/8"-16 Zinc Finish Grade 5 Finished Rev Lock Nut
81	1	420NC300	Net cone (for 3 in. tube)
82	1	NC123	Net bar
83	1	420NC315	Net brake extension
84	1	420NC310	Net clamp (for 3 in. tube)
85	2	13207	1/2"x1.1/4" Gr 5 Cap Screw
86	1	420NC410	Net clamp (for 4 in. tube)
87	1	420NC400	Net cone (for 4 in. tube)
88	1	300NC316	Net cone for 300SR
89	1	34316	Split collar
90	6	420MF158	Net Bar Wear Pad
91	6	24225	Flat Head Socket Cap Screw w/ Lock washer & Nut

NET DISPENSER

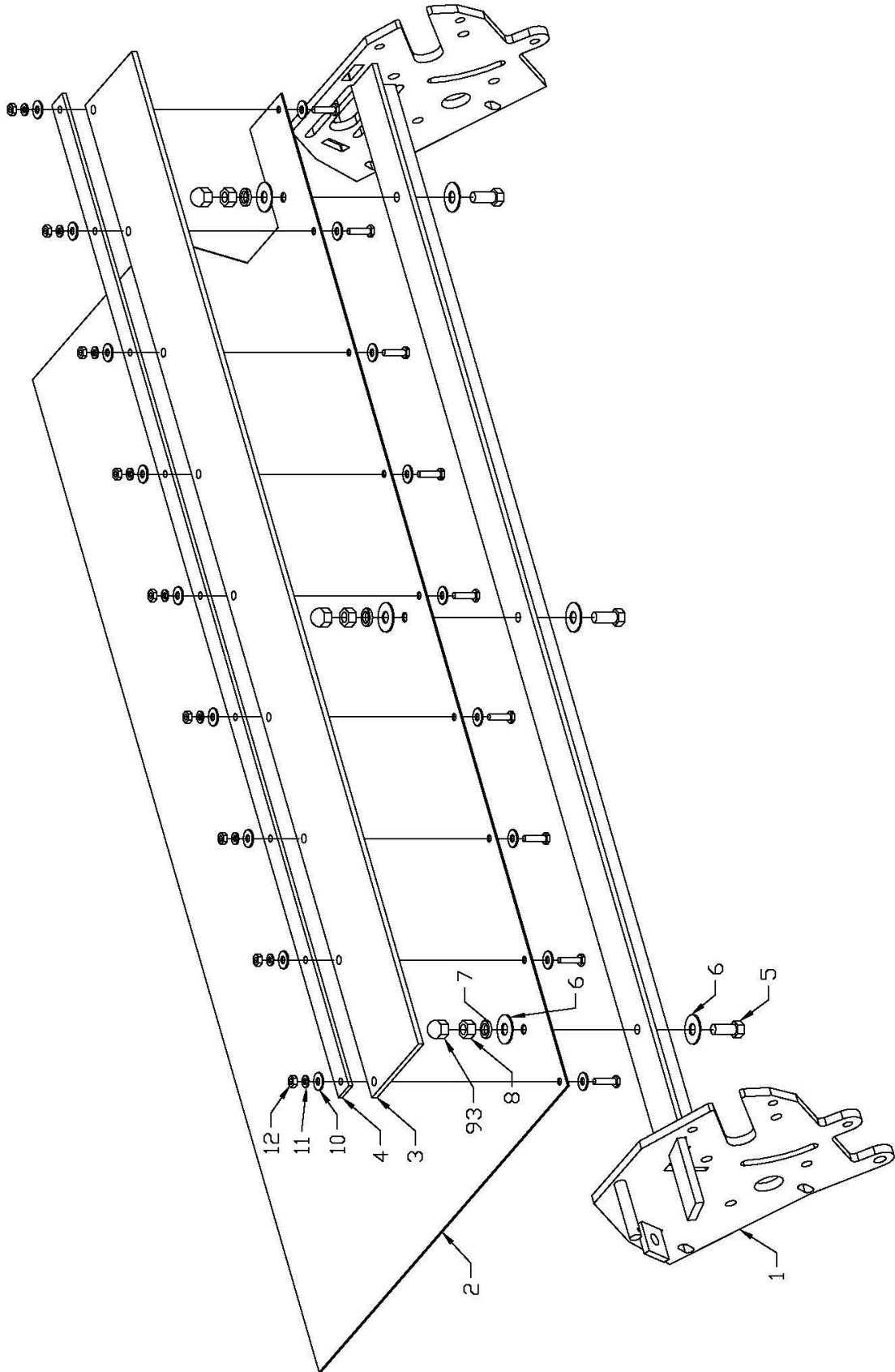
Parts List

92	1	50-1SC	Drive Chain Master Link
93	5	37710	3/8 – 16 CAP NUTS
94	1	NC105R	RIGHT Over-center link

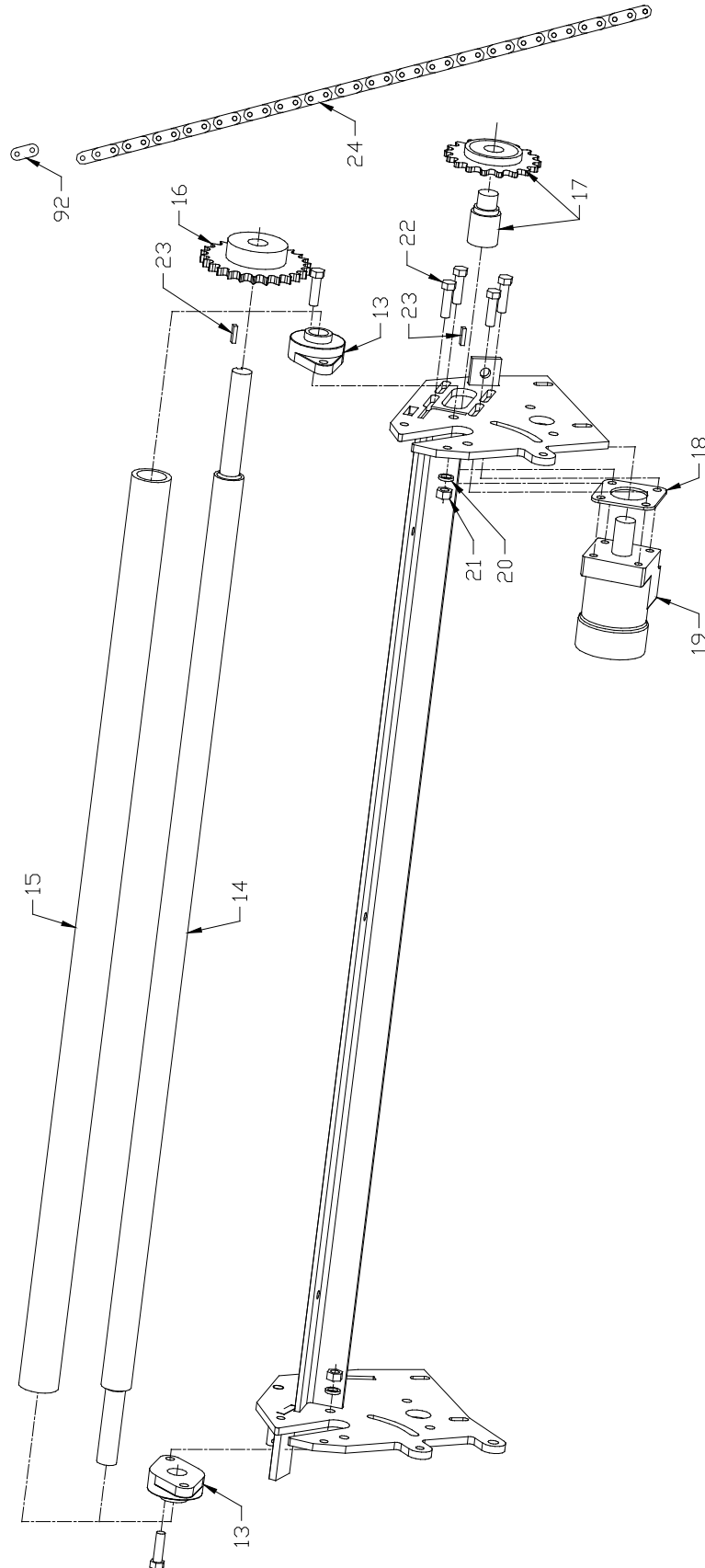
Repair Kits & Assemblies

	1	11188319	Seal kit for 151-3442-X net feed motor
	1	NC900-30 NC900-42 NC900-48	Net Injection Assembly, 30" Net Injection Assembly, 42" Net Injection Assembly, 48"
	1	NC901	Netting Cam Assembly
	1	420NC901	Net Dispenser Brake Assembly 30" & 42"
	1	480NC901	Net Dispenser Brake Assembly 48"

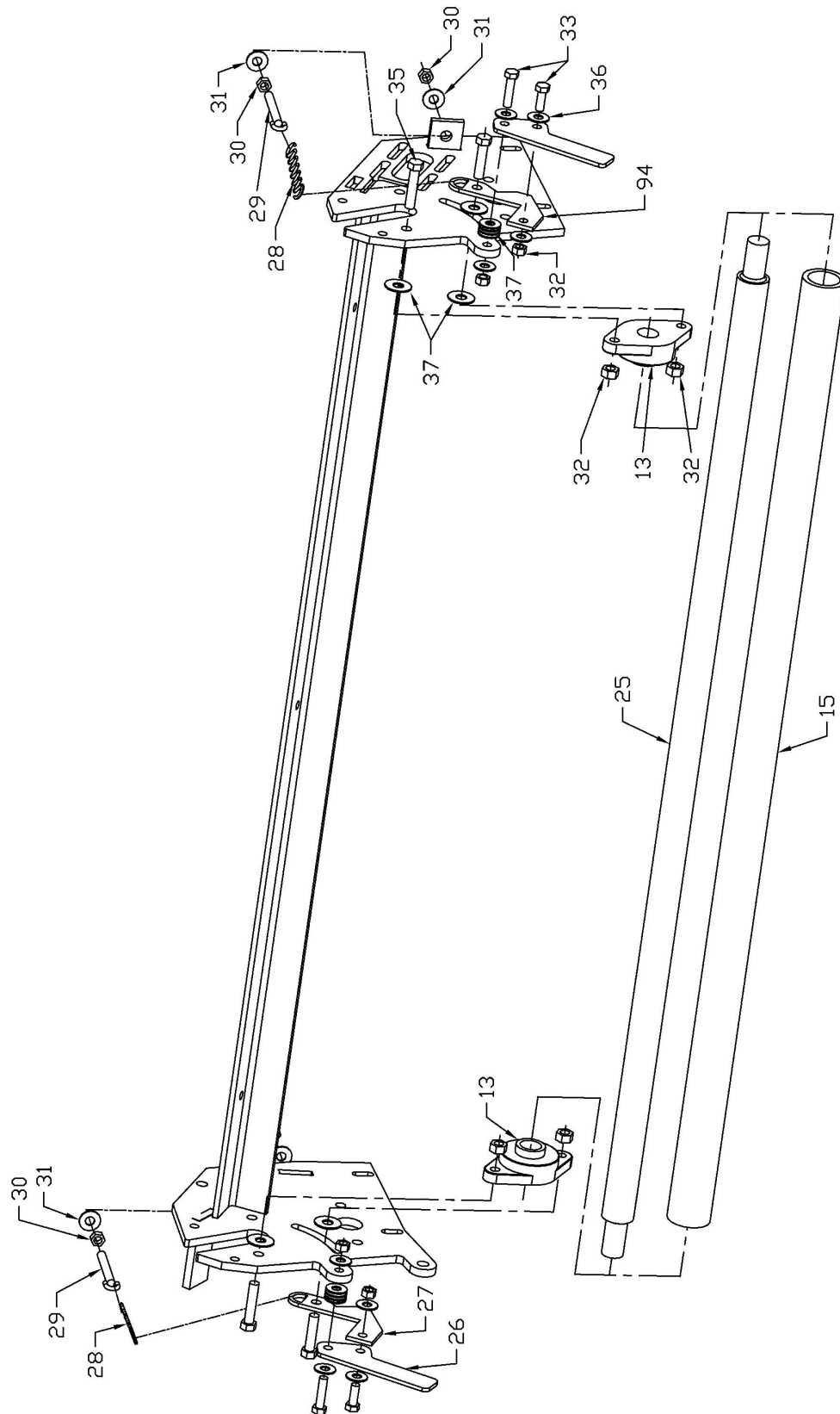
NET DISPENCER



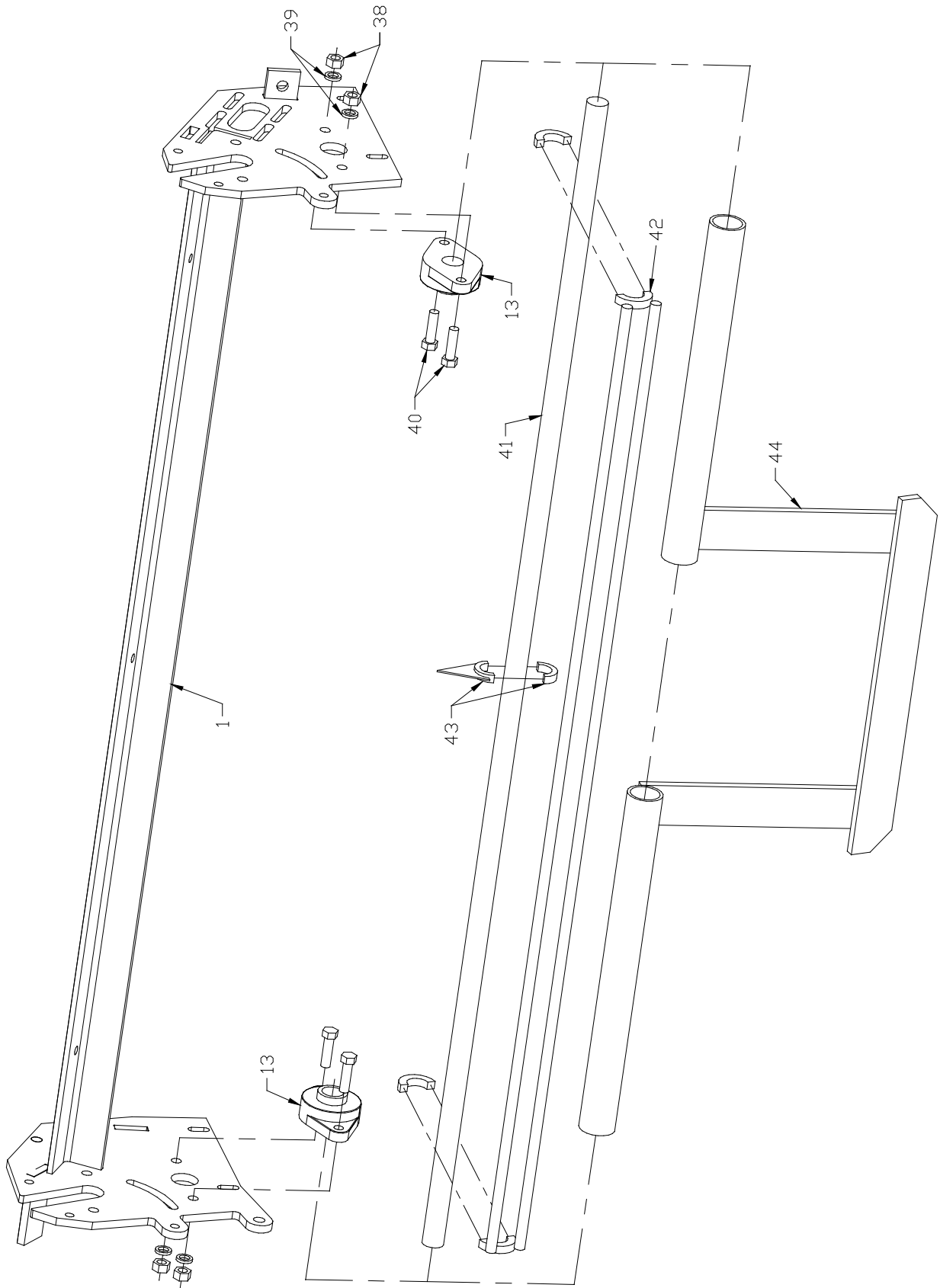
NET DISPENSER



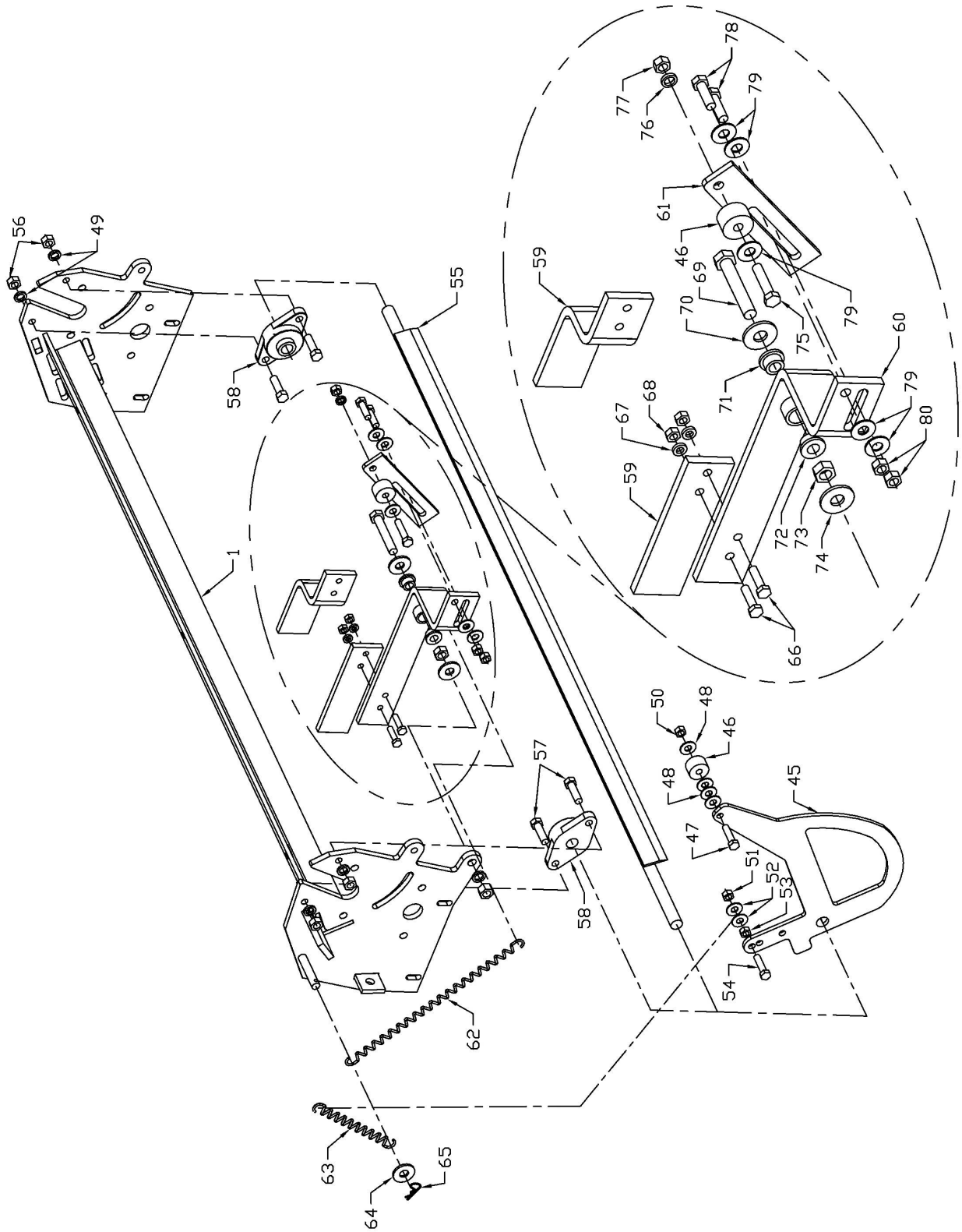
NET DISPENSER



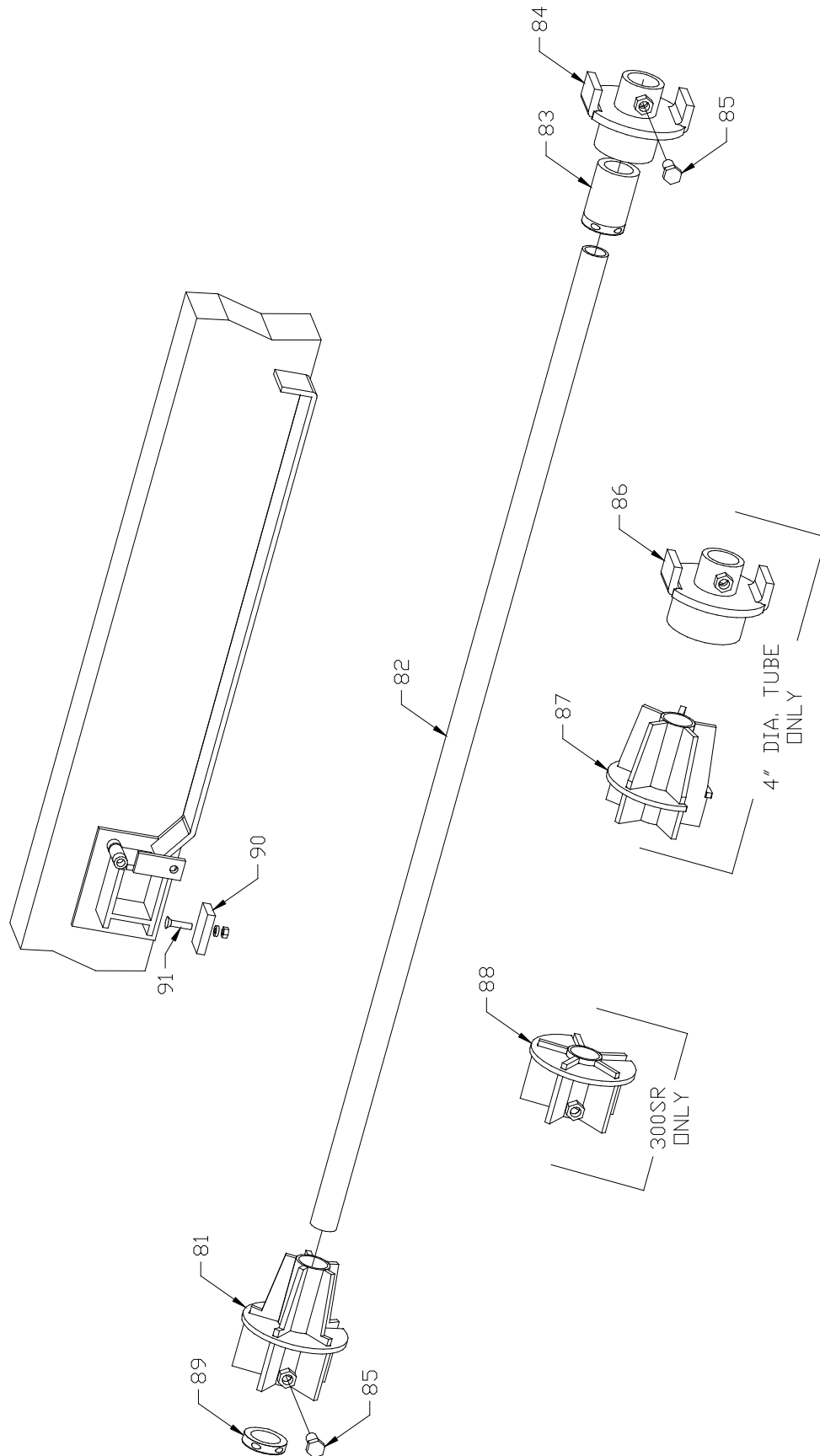
NET DISPENSER



NET DISPENCER



NET DISPENSER



This image shows a full page of blank handwriting practice paper. It features multiple sets of horizontal lines, each consisting of three parallel lines: two outer blue lines and a central red line. These sets are repeated down the entire page, providing a guide for letter height and placement. The background is white, and there are no margins or other markings present.