PART NUMBER	BELT WIDTH	DIM "A"	P/N ITEM 1	P/N ITEM 7	P/N ITEM 11	P/N ITEM 32	P/N ITEM 33	P/N ITEM 34	P/N ITEM 42	P/N ITEM 43	P/N ITEM 44	P/N ITEM 45	WEIGHT KG [LBS.]
CTMHLS240XXX	609.6 [24.00]	1676.0 [42.13]	CTMP010AX	CTMP014BX	CTMP018BX	CTMP021AX	CTMP023AX	CTMP022AX	CTMP035BX	CTMP031S24XH	TRLRLI15-24	38559-1	100.2 [221.0]
CTMHLS300XXX	762.0 [30.00]	1222.4 [48.13]	CTMP010BX	CTMP014BX	CTMP018BX	CTMP021AX	CTMP023AX	CTMP022AX	CTMP035BX	CTMP031S30XH	TRLRLI15-30	38559-1	102.9 [226.9]
CTMHLS360XXX	914.4 [36.00]	1374.8 [54.13]	CTMP010CX	CTMP014CX	CTMP018CX	CTMP021BX	CTMP023BX	CTMP022BX	CTMP035CX	CTMP031S36XH	TRLRLI15-36	38559-1	111.1 [245.0]
CTMHLS420XXX	1066.8 [42.00]	1527.2 [60.13]	CTMP010BX	CTMP014BX	CTMP018BX	CTMP021CX	CTMP023CX	CTMP022BX	CTMP035CX	CTMP031S42XH	TRLRLI15-42	38559-1	122.0 [269.1]
CTMHLS480XXX	1219.2 [48.00]	1679.6 [66.13]	CTMP010BX	CTMP014BX	CTMP018BX	CTMP021CX	CTMP023CX	CTMP022BX	CTMP035CX	CTMP031S48XH	TRLRLI15-48	38559-1	124.7 [274.9]
CTMHLS540XXX	1371.6 [54.00]	1832.0 [72.13]	CTMP010BX	CTMP014BX	CTMP018BX	CTMP021CX	CTMP023CX	CTMP022BX	CTMP035DX	CTMP031S54XH	TRLRLI15-54	38559-2	127.4 [280.8]
CTMHLS600XXX	1524.0 [60.00]	1984.4 [78.13]	CTMP010EX	CTMP014EX	CTMP018EX	CTMP021CX	CTMP023BX	CTMP022FX	CTMP035DX	CTMP031S60XH	TRLRLI15-60	38559-2	142.7 [314.6]
CTMHLS720XXX	1828.8 [72.00]	2289.2 [90.13]	CTMP010EX	CTMP014EX	CTMP018FX	CTMP021CX	CTMP023BX	CTMP022FX	CTMP035EX	CTMP031S72XH	TRLRLI15-72	38559-2	145.7 [321.3]

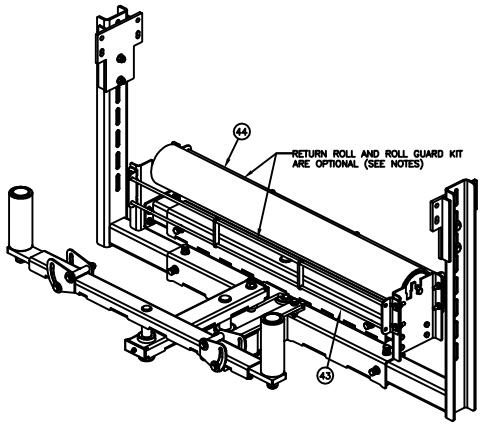
PART NUMBER	P/N ITEM 1	P/N ITEM 7	P/N ITEM 8	P/N ITEM 11	P/N ITEM 14	P/N ITEM 16	P/N ITEM 17	P/N ITEM 18	P/N ITEM 19	P/N ITEM 20	P/N ITEM 21
CTMHLSXXTXXX	CTMP010XT	CTMP014XT	CTMP009T	CTMP018XT	37267	11752	11772	17328	11747	11750	11771
CTMHLSXXSXXX	CTMP010XS	CTMP014XS	CTMP009S	CTMP018XS	SUS10053	23330	22743	31295	28565	24310	17151

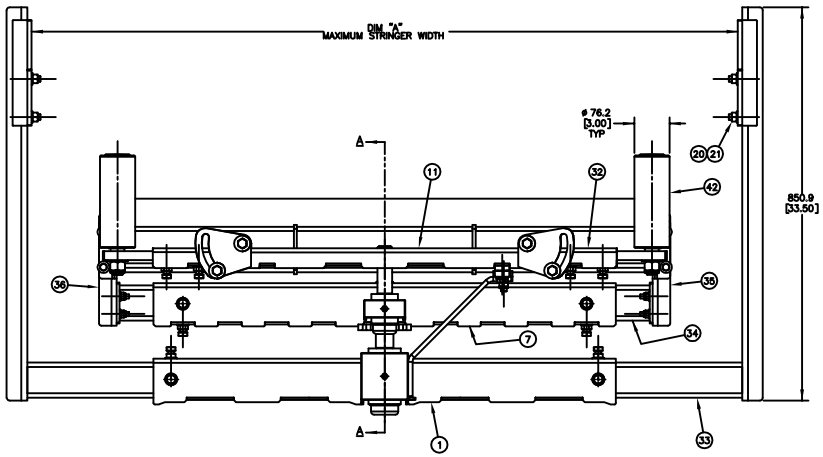
PART NUMBER	P/N ITEM 22	P/N ITEM 24	P/N ITEM 25	P/N ITEM 26	P/N ITEM 27	P/N ITEM 28	P/N ITEM 29	P/N ITEM 30	P/N ITEM 31	P/N ITEM 32
CTMHLSXXTXXX	37415-02	14196	35170	13835	13842	12215	11763	18577	14201	CTMP021XT
CTMHLSXXSXXX	37415-02SS	24308	36101	25463	26320	32483	22766	24307	16204	CTMP021XS

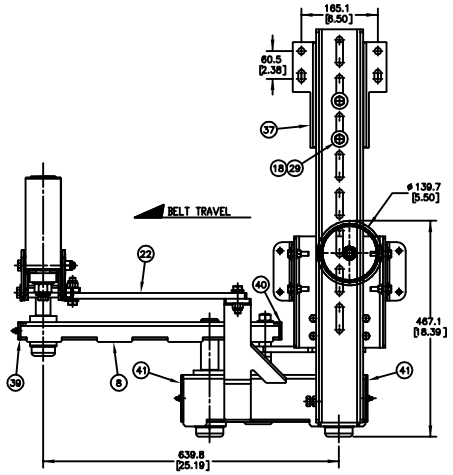
PART NUMBER	P/N ITEM 33	P/N ITEM 34	P/N ITEM 35	P/N ITEM 36	P/N ITEM 37	P/N ITEM 42	P/N ITEM 43	P/N ITEM 48
CTMHLSXXTXXX	CTMP023XT	CTMP022XT	CTMP039ART	CTMP039ALT	37396-02	CTMP035XT	CTMP031SXXTH	34498
CTMHLSXXSXXX	CTMP023XS	CTMP022XS	CTMP039ARS	CTMP039ALS	37396-02SS	CTMP035XS	CTMP031SXXSH	34498-C

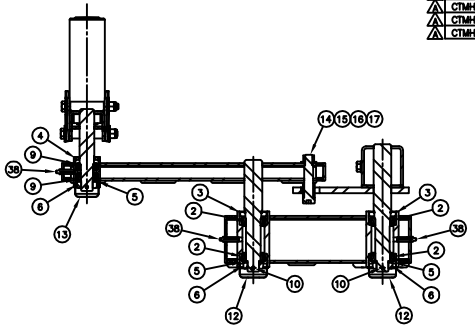
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	T-BODY WELDMENT	SEE CHART
2	4	BEARING TAPERED-ROLLER F/1.25 SHAFT	38505-02
3	2	GREASE SEAL INTERNAL	38516-H
4	1	GREASE SEAL INTERNAL	38516-S
5	3	SPINDLE WASHER PLAIN	38513
6	3	SPINDLE NUT	38514
7	1	PIVOT PLATE WELDMENT	SEE CHART
8	1	TORQUE ARM WELDMENT	SEE CHART
9	2	BEARING TAPERED-ROLLER F/1.06 SHAFT	38505-01
10	3	PIN COTTER 1/8 X 1-3/4 ZP	14210
11	1	CRADLE WELDMENT	SEE CHART
12	2	GREASE CAP DRIVE-IN 2.331 OD	38515-H
13	1	GREASE CAP DRIVE-IN 1.968 OD	38515-S
14	1	SCREW SH SHOULDER 3/8 X 2-3/4	SEE CHART
15	1	TORQUE ARM BUSHING	37268
16	1	WASHER COMPRESSION 5/8	SEE CHART
17	1	NUT HEX 5/8-11NC	SEE CHART
18	12	WASHER FLAT 1/2 WIDE	SEE CHART
19	8	WASHER COMPRESSION 3/8	SEE CHART
20	4	WASHER COMPRESSION 1/2	SEE CHART
21	4	NUT HEX 1/2-13NC	SEE CHART
22	1	TRACKER PARALLEL STAY HD 15.56	SEE CHART
23	2	BEARING SLEEVE FLANGE	38423
24	2	SCREW HHC 1/2-13NC X 2	SEE CHART
25	4	SCREW HHC 1/2-13NC X 4-1/2	SEE CHART
26	4	SCREW HHC 1/2-13NC X 1-1/4	SEE CHART
27	8	SCREW HHC 1/2-13NC X 1	SEE CHART
28	8	SCREW HHC 3/8-16NC X 1-1/4	SEE CHART
29	4	SCREW HHC 1/2-13NC X 1-1/2	SEE CHART
30	6	NUT HEX ELASTIC LOCK 1/2-13NC	SEE CHART
31	8	NUT HEX ELASTIC LOCK 3/8-16NC	SEE CHART
32	2	CRADLE WING WELDMENT	SEE CHART
33	2	TELESCOPING TUBE WELDMENT	SEE CHART
34	2	TELESCOPING TUBE WELDMENT	SEE CHART
35	1	TLSCPNG TUBE UPRIGHT SMALL RT SIDE	SEE CHART
36	1	TLSCPNG TUBE UPRIGHT SMALL LT SIDE	SEE CHART
37	2	HANGER PLATE WELDMENT	SEE CHART
38	3	GREASE FITTING STRAIGHT	38517
39	1	RECTANGLE FINISHING PLUG WITH HOLE	CTMP037H
40	1	RECTANGLE FINISHING PLUG	CTMP037
41	2	SQUARE FINISHING PLUG WITH HOLE	CTMP038H
42	2	GUIDE ROLL ARM ASSEMBLY	SEE CHART
43	S/C	ROLLER GUARD KIT	SEE CHART
44	S/C	RETURN ROLL WITH RUBBER LAGGING	SEE CHART
NS	45	S/C	TRACKER REMOTE GREASE KIT	SEE CHART
NS	46	1	MANUAL OPERATORS	M4187
NS	47	1	LABEL KIT	34772
NS	48	1	MOUNTING HARDWARE KIT	SEE CHART

S/C = SEE CHART
NS = NOT SHOWN









SECTION A-A

PART NUMBER	QTY. ITEM 43	QTY. ITEM 44	QTY. ITEM 45
⚠ CTMHLSXXXNNN	0	0	0
⚠ CTMHLSXXXGXX	0	0	1
⚠ CTMHLSXXXXRX	0	1	0
⚠ CTMHLSXXXXXZ	1	0	0

NOTES:
1) THE FIRST "XX" IN PART NUMBER INDICATES BELT WIDTH,
THE NEXT "X" INDICATES MATERIAL:
T = MILD STEEL PAINTED MARTIN ORANGE
S = 304 STAINLESS STEEL
⚠ THE NEXT "X" INDICATES GREASE KIT OPTION:
N = WITHOUT GREASE KIT
G = GREASE KIT INCLUDED
⚠ THE NEXT "X" INDICATES RETURN ROLL OPTION:
N = NO RETURN ROLL
R = RETURN ROLL INCLUDED
⚠ THE NEXT "X" INDICATES RETURN ROLL GUARD KIT OPTION:
N = NO ROLL GUARD KIT
Z = RETURN ROLL GUARD KIT INCLUDED

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REV	DESCRIPTION	ECN	DATE	BY
A	CHGD DWG P/N FROM CTMHLS0000X TO CTMHLS0000XX / UPDATED P/N & CHART & P/N BREAKDOWN NOTE	16374	06/19/23	JAH

MATERIAL: – FINISH: – WEIGHT: –

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM [INCH] DIMENSIONS FOR REFERENCE ONLY
TOLERANCES IN MM [INCH]: X = ±. .XX = ±. .XXX = ±.
SURFACE FINISH: ANGULAR: ± DRAFT ANGLE: –

SOLIDWORKS

MARTIN ENGINEERING
NEPONSET, IL USA

TITLE
HEAVY DUTY LOWER TRACKER ASSEMBLY CEMA C & D

DRAWING NUMBER
PR14151
⚠ CTMHLSXXXXXX

DRAWN	JAH
DATE	02/01/23
CHECKED	
ENG.	JAH
DATE	05/25/23
I.E.	JMB
DATE	06/08/23
APPROVED	JMB
DATE	06/12/23
SCALE	3:16