



**CORE PREP**  
PARTS LIST

**CPST1415E1**  
**SCRAPER**

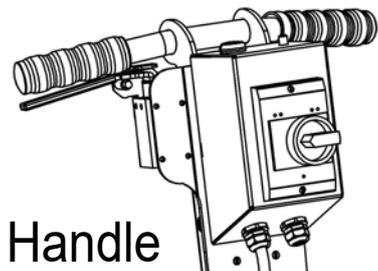
**DECEMBER, 2024**



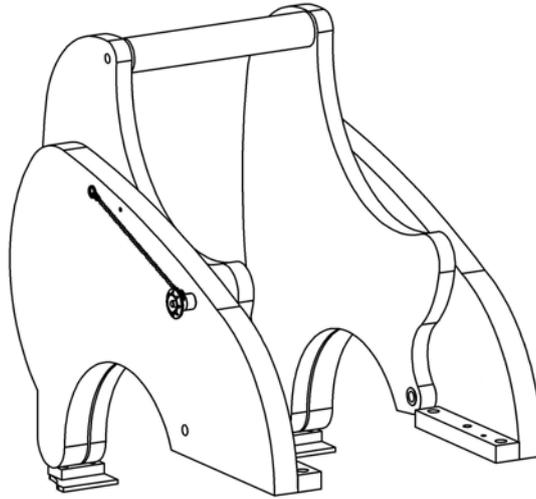
# Table of Contents

<u>Description</u>	<u>Page No.</u>
1. Overview.....	4
2. Main Plate.....	5-6
3. Handle.....	7-8
4. Weights.....	9-10
5. Additional Parts.....	11
6. Notes.....	12
7. Warranty.....	14

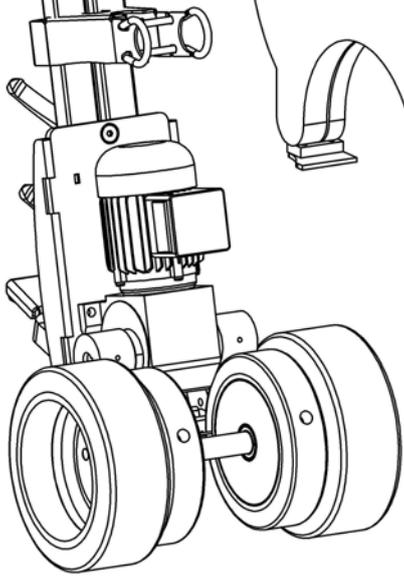
# CPST1415E1 Overview



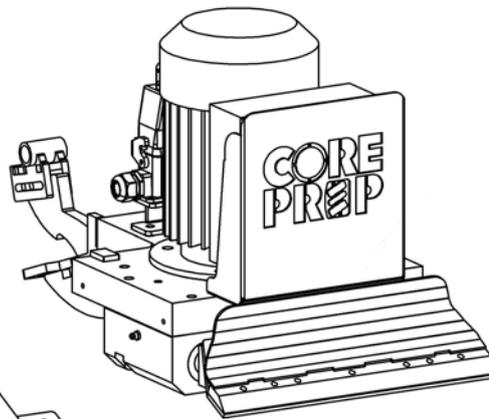
Handle



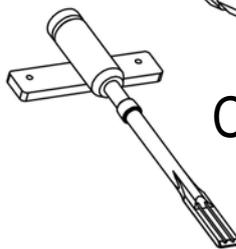
Weights



Chisel Holder

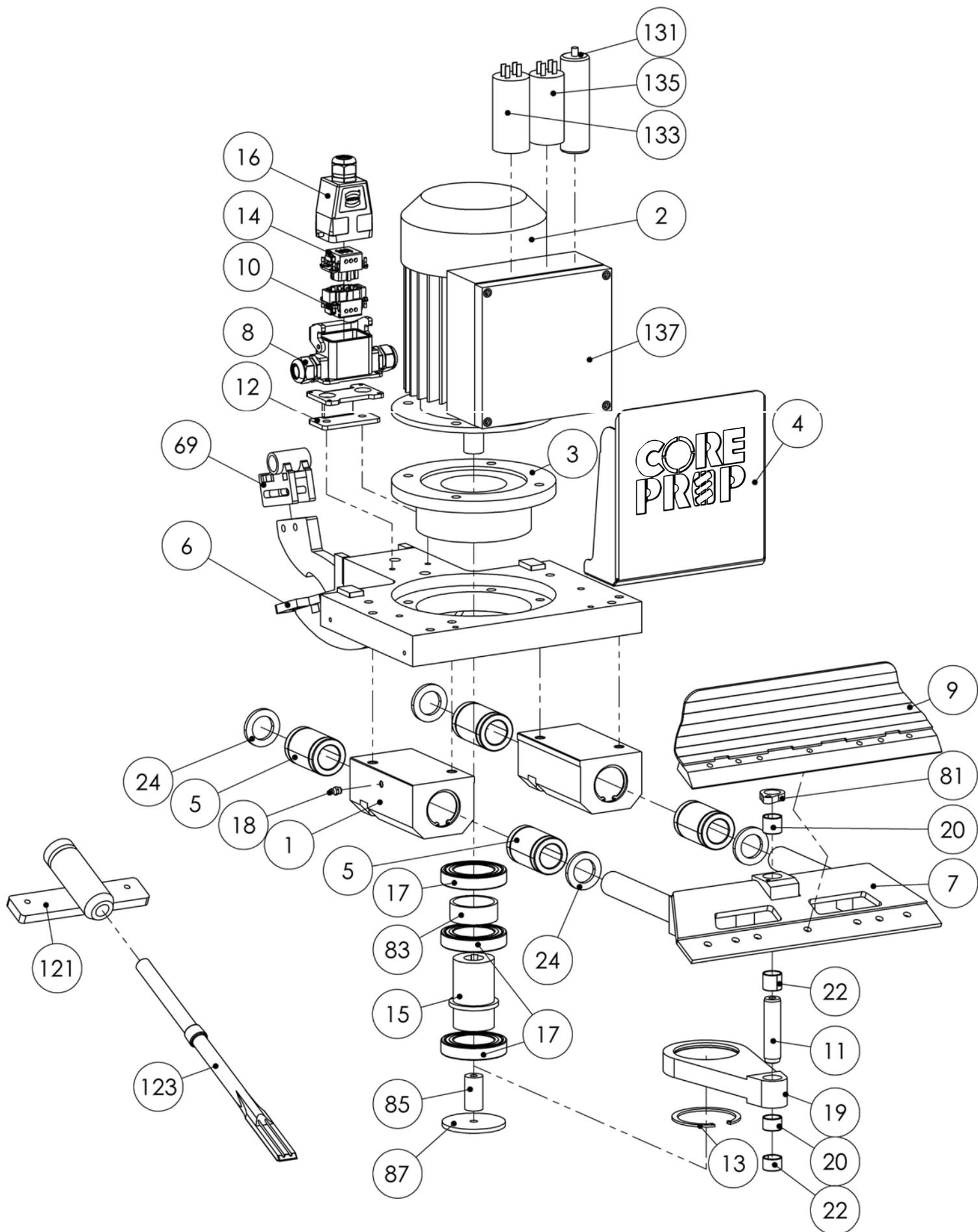


Main Plate



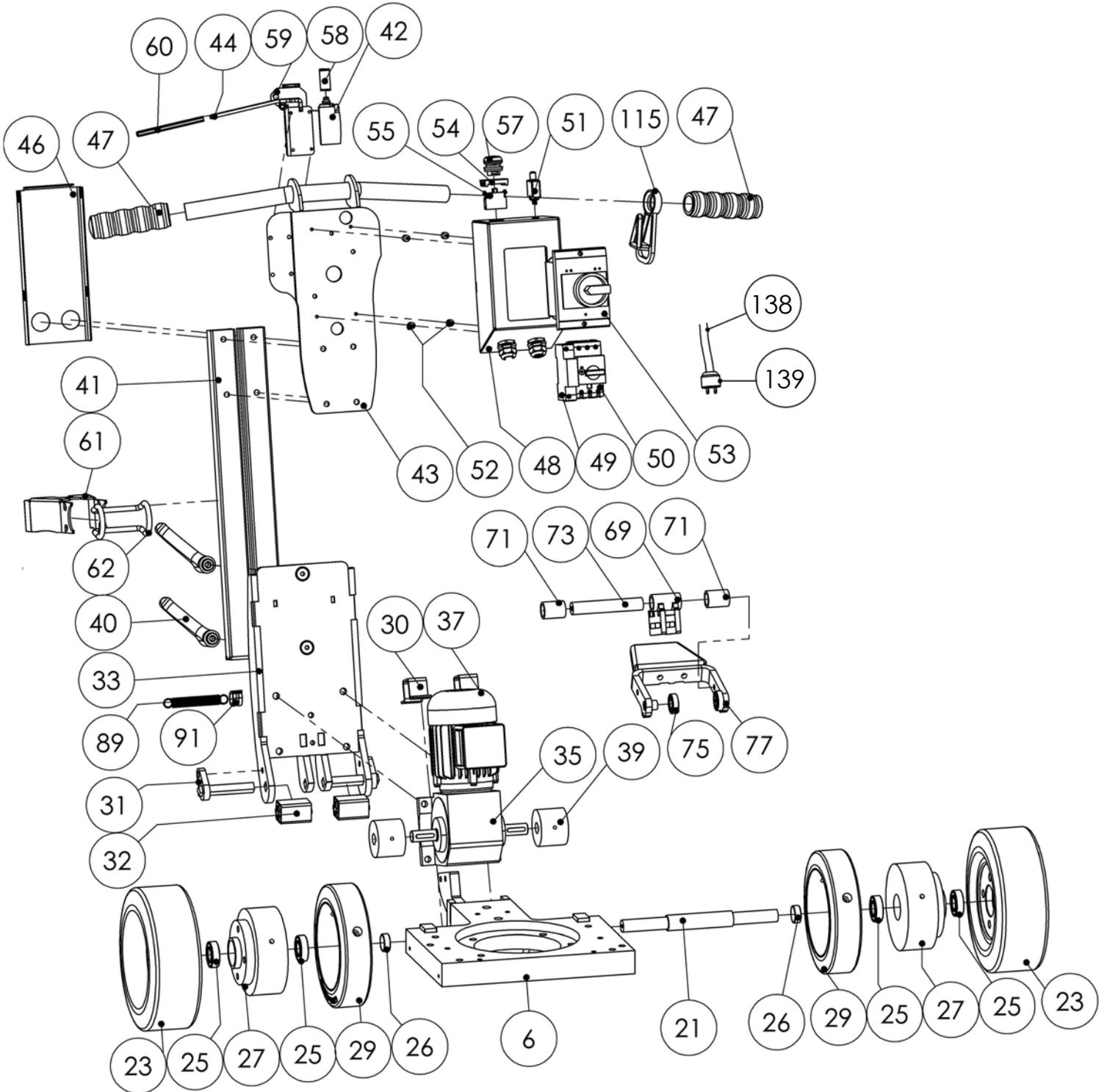
Chisel

# CPST1415E1 Main Plate



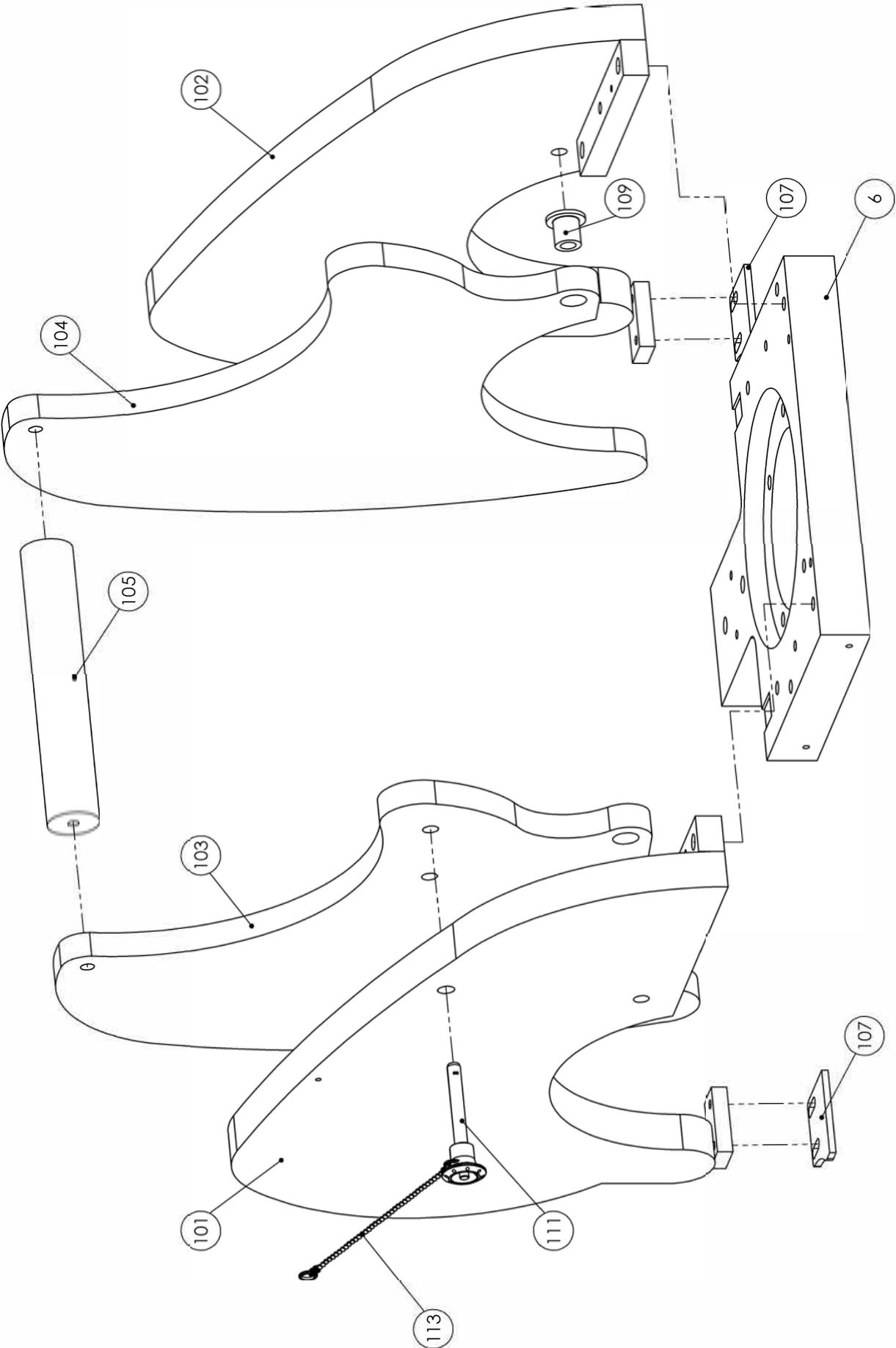
ITEM	DP #	DESCRIPTION	QTY
1	2509728	Linear bearing housing	2
2	2509729	Motor 110V (Single Phase)(37kW)	1
3	2509730	Main Bearing Housing	1
4	2509731	Fender Motor	1
5	2509732	Linear-Bearing	4
6	2509733	Main Plate	1
7	2509734	Blade Holder	1
8	2509735	Plug Housing	1
9	2509736	Bracket for Blade 350mm	1
10	2509737	Plug Pin Mounting	1
11	2509738	Rod axis	1
12	2509739	Connection bracket	1
13	2509740	Circlip	1
14	2509741	Jack in the Housing	1
15	2509742	Eccentric Drive Shaft	1
16	2509743	Socket housing	1
17	2509744	Bearing	3
18	2509745	Grease Nipple	2
19	2509746	Connecting Rod	1
20	2509747	Slide Bush 20mm	2
21	2509806	Cutter Holder	1
22	2509749	Slide Bush 15mm	2
23	2509807	Cutter	1
24	2709751	Sealing	4
69	2509776	Bracket for Drive Adjustment	1
81	2509781	Rod Pin Bracket	1
83	2509782	Spacer Bearing Housing	1
85	2509783	Drive Shaft Spacer	1
87	2509784	Rod Bearing Washer	1
121	2509448	Chissel Holder	1
123	2509449	Chissel 25 mm	1
131	2509812	Capacitor 40 $\mu$ F	1
133	2509813	Capacitor 50 $\mu$ F	1
135	2509814	Capacitor 430-516 $\mu$ F	1
137	2509801	Connection Box	1

# CPST1415E1 Handle



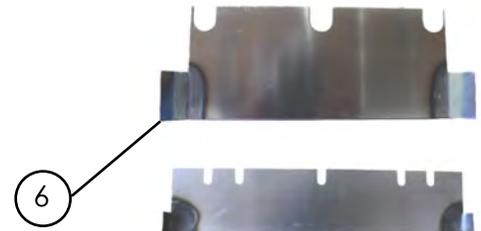
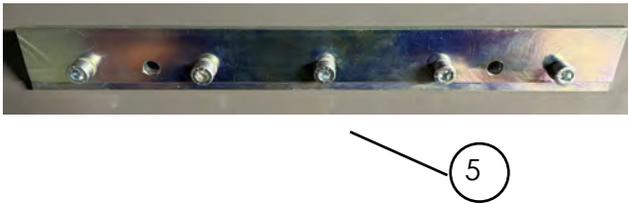
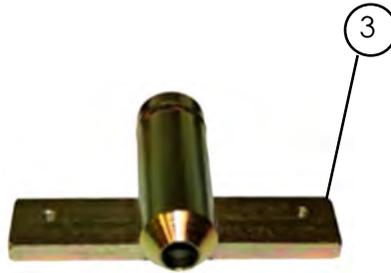
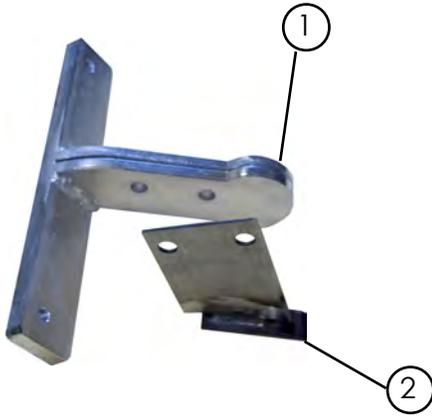
ITEM	DP #	DESCRIPTION	QTY
6	2509732	Main Plate	1
21	2509748	Wheel axis	1
25	2509686	Bearing	4
26	2509752	Slide Bush 28x25x10mm	2
27	2509753	Drive Hub	2
29	2509754	Binding Wheel	2
30	2509593	Bracket for Rubber Block	2
31	2509755	Square Bracket	2
32	2509756	Rubber Block	2
33	2509757	Motor mounting Plate	1
35	2509758	Gearbox	1
37	2509759	Drive Unit Motor	1
39	2509761	Wheel on Drive Motor	2
40	2509762	Clamping Lever	2
41	2509763	Handle Bracket	1
42	2509764	Drive Unit Switch	1
43	2509765	Handle	1
44	2509802	Handle Dead Man Switch	1
46	2509766	Handle Cover	1
47	2509503	Rubber Grip	2
48	2509767	Switch box	1
49	2509768	Low Voltage Protective	1
50	2509809	Motor Protective	1
51	2509769	Motor Protective 5A	1
52	2509810	Rubber Block	1
53	2509770	Switch Box For Motor Protective	1
54	2509552	Mounting Adapter	1
55	2509726	LED Element	1
57	2509676	Indicator Light	1
58	2509771	Spring	1
59	2509772	Bracket Dead Man Switch	1
60	2509773	Rubber for Dead Man's Lever	1
61	2509774	Drive Lock	1
62	2509775	Drive Lock Rubber	1
69	2509776	Bracket for Drive Adjustment	1
71	2509777	Spacer Drive adjustment	2
73	2509778	Shaft Drive Adjustment	1
75	2509779	Bearing	2
77	2509780	Drive adjustment Lever	1
89	2509785	Tension Spring	1
91	2508786	Hose Clamp	1
115	2509549	Strain Relief	1
138	2809063	Cord - Black 2.5ft (CSA 3x AWG12)	1
139	2800130	Plug (15A)(125V)(NEMA 5-15P)	1

**CPSTI4I5EI Weights**



<b>ITEM</b>	<b>DP #</b>	<b>DESCRIPTION</b>	<b>QTY</b>
6	2509733	Main Plate	1
101	2509787	Weight outside left	1
102	2509788	Weight outside right	1
103	2509789	Weight inside left	1
104	2509790	Weight inside right	1
105	2509791	Weight Connector	1
107	2509792	Scraper	2
109	2509793	Axis inner Weight	2
111	2509794	Snap Pin	1
113	2509795	Chain for Pin	1

## CPSTI4I5EI Additional Parts



ITEM	DP #	DESCRIPTION	QTY
1	2509733	Cutter Holder	1
2	2509787	Carpet Cutter	1
3	2509788	Chisel holder	1
4	2509789	Chisel	1
5	2509790	Blade Angle Holder	1
<b>BLADES</b>			
6	2509451	U-Shape, Sharp Blade (350x80x1.5mm) (14"x3"x0.06")	1
	2509805	U-Shape, Flat Blade (350x80x1.5mm) (14"x3"x0.06")	1
	2509854	U-Shape, Blade (150x80x1.5mm) (6"x3"x0.06")	1
	2509452	Blade (350x130x1.5mm) (14"x5"x0.06")	1
	2509453	Blade (350x80x1.5mm) (14"x3"x0.06")	1
	2509454	Blade (350x80x2.5mm) (14"x3"x0.1")	1
	2509797	Blade(250x80x1.5mm) (10"x3"x0.06")	1
	2509798	Blade (250x80x2.5mm) (10"x3"x0.1")	1
	2509852	Blade(200x80x1.5mm) (8"x3"x0.06")	1
	2509853	Blade (200x80x2.5mm) (8"x3"x0.1")	1





## **EQUIPMENT AND PARTS WARRANTY**

Diamond Products warrants all equipment manufactured by it against defects in workmanship or materials for a period of 1 year from the date of shipment to Customer. The responsibility of Diamond Products under this Warranty is limited to replacement or repair of defective parts at Diamond Products' Elyria, Ohio factory, or at a point designated by it, of such parts as shall appear to us upon inspection at such parts, to have been defective in material or workmanship, with expense for transportation and labor borne by Customer. In no event shall Diamond Products be liable for consequential or incidental damages arising out of the failure of any Product to operate properly.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND ALL SUCH OTHER WARRANTIES ARE HEREBY DISCLAIMED.



333 Prospect Street, Elyria, Ohio 44035  
(440) 323-4616 • (800) 321-5336 • Fax (800) 634-4035  
[www.diamondproducts.com](http://www.diamondproducts.com)