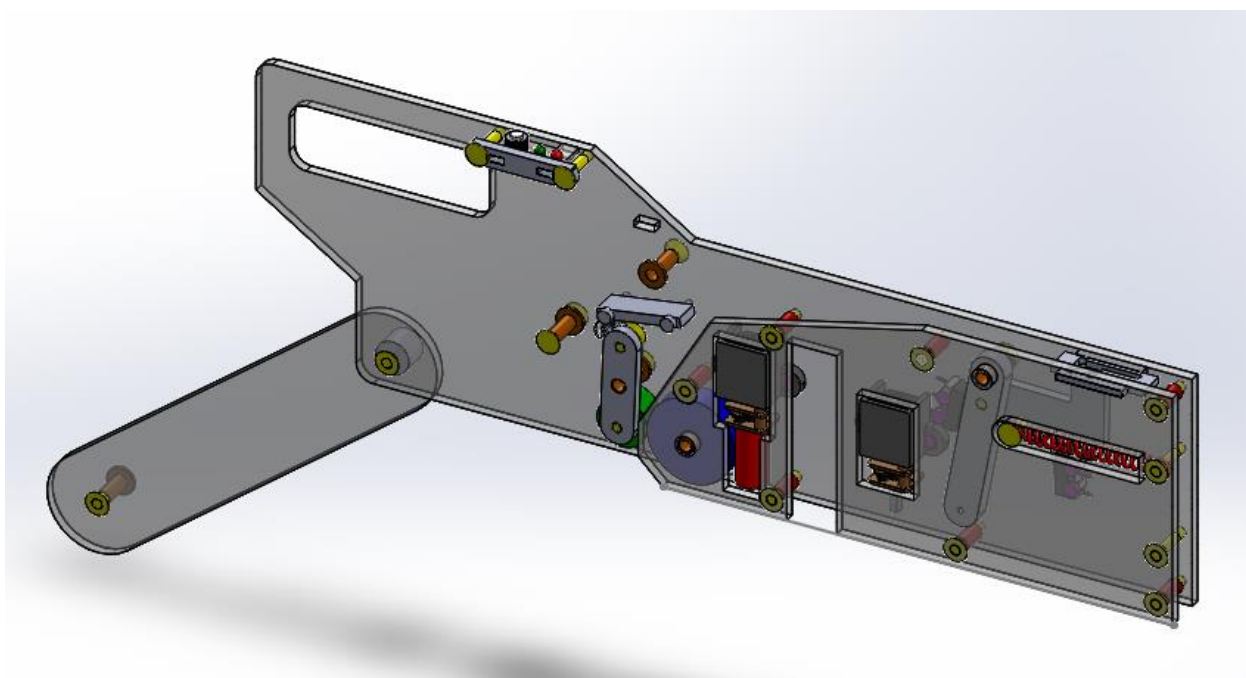


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Mica feeder

Implementation and Maintenance Manual



TPA Tech, HCMC
Automation Department

Version:1

Date : 2017.7

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2. Feeder Key Compartments
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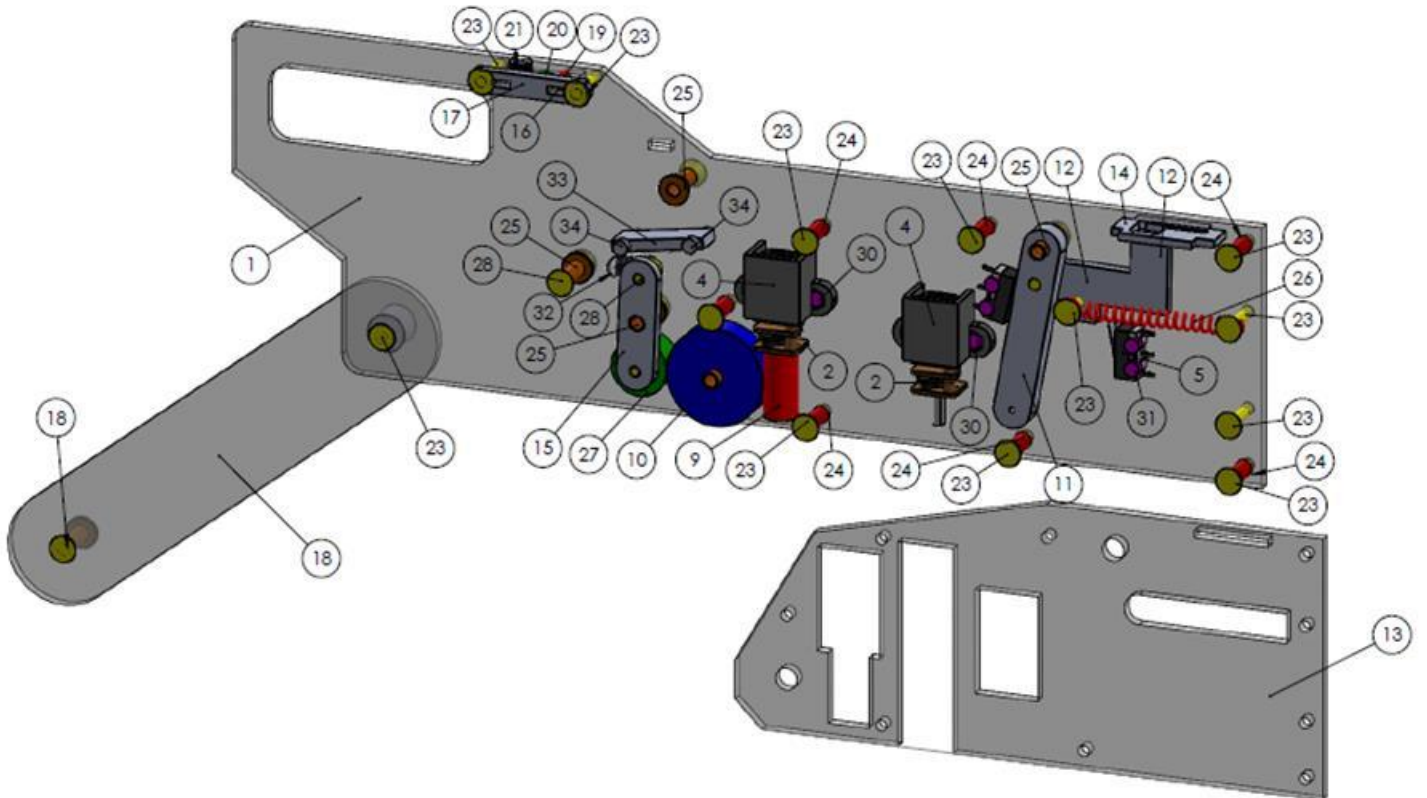
1. Introduction

The Mica feeder was designed for Jason Open PnP machine with low cost and easily for implementation and maintenance.

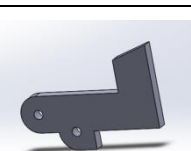
Feature

- *Feeding speed 3600 CPH*
- *Peeling system by worm gear*
- *High accuracy and reliability*
- *Manual feeding mode*






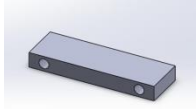
2. Feeder Key Compartments



Feeder mechanical BOM

Item	Part number	Description	Quantity	Actual picture
1	01	Feeder main	1	
2	02	Micro DC reducer motor (1:20)	2	
3	04	Micro DC reducer motor bracket	2	
4	05	Micro switch	2	
5	09	Worm gear	1	
6	10	Big gear	1	
7	11	Feeding seesaw	1	
8	12	Feeding	1	
9	13	Feeder cover	1	

10	14	Feeding plate	1	
11	15	Peeling seesaw	1	
12	16	Manual panel control	1	
13	17	Manual panel control holder	1	
14	18	Reel holder	1	
15	19	LED 3mm Red color	1	
16	20	LED 3mm Green color	1	
17	21	Micro button	1	
18	23	M3 0.5/14mm screw	12	
19	24	Wedge1	7	
20	25	M3 Female screwing	4	

21	26	Feeding spring	1	
22	27	Small gear	1	
23	28	M3 0.5/6mm screw	5	
24	30	M2 6mm screw	4	
25	31	M2 10mm screw	4	
26	32	Peeling spring	1	
27	33	Reel base	1	
28	34	M2 13mm screw	2	