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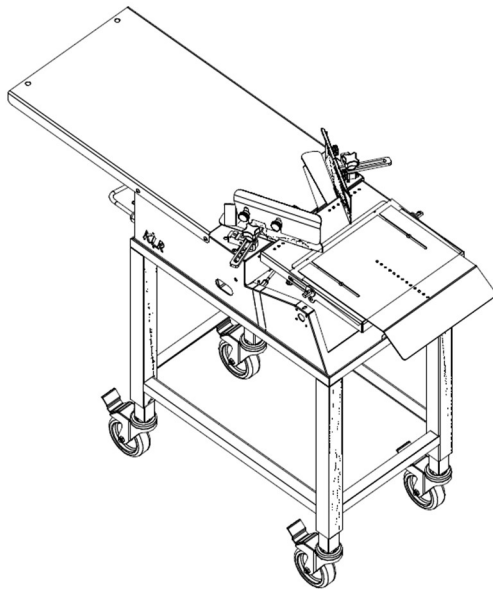
1.0: IDENTIFICATION

1.1: The product brand and type designation

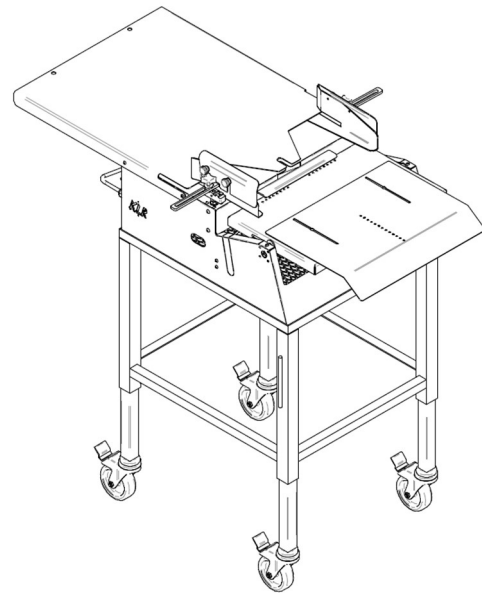
Manufacturer: KLR Systems

Machine designation: KLR.200 and KLR.300 Hand bagger

KLR.200
General purpose



KLR.300
XL products, Duo or trio application



1.2: Version of the machine

Serial number: Located underneath the working area nearby the ON/OFF switch.



1.3: The manufacturer name and contact

KLR SYSTEMS INC.

944 Heron Street,

Saint-Pie, QC, CANADA

JOH 1W0

(450)774-8338

Info@klrsystems.com

www.klrsystems.com

2.0: PRODUCT SPECIFICATION

2.1: Range of applications intended use and general functions

This equipment is designed to inflate bags and an adjustable pair of scoops keep the bag open during the time the operator is pushing by hand the product into it. Different sizes of bag can be use.

2.2: Dimensions and weight (for transport)

Minimal space required for packaging:

	KLR.200	KLR.300
Length	46"	46"
Width	17"	20"
Height	*36"	*36"

*Adjustable legs

2.3: Electric specification

A power cord is already installed to the hand bagger. It is intended to use these specifications:

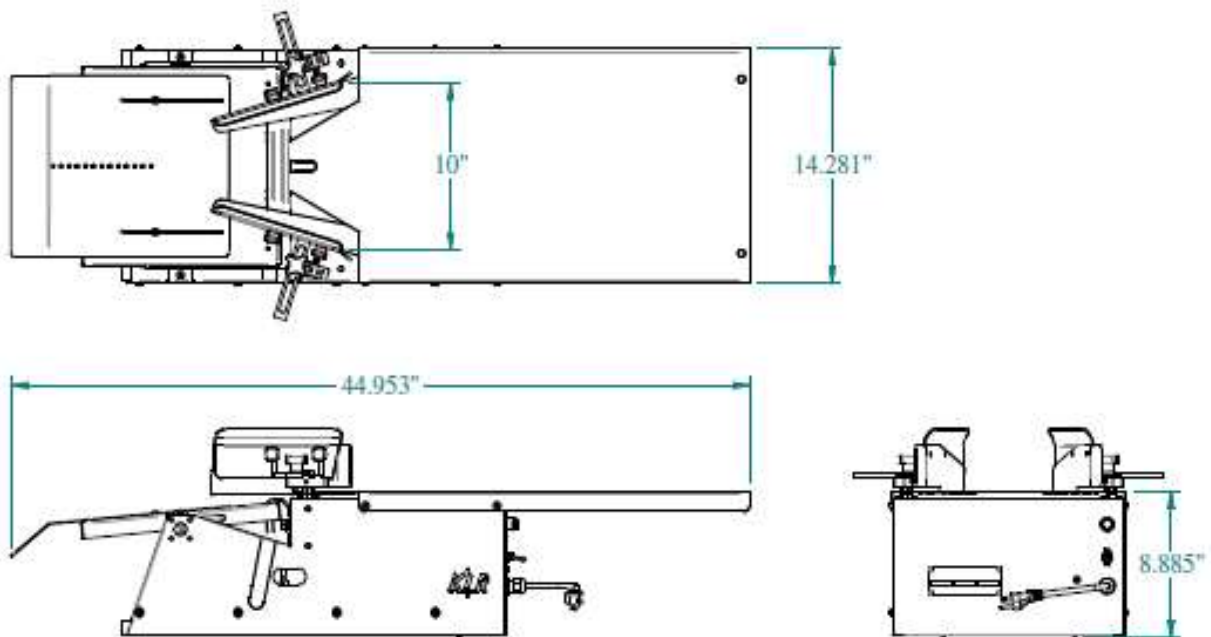
Voltage: 120v, 60 Hz, 10A

2.4: Minimal space required for installation

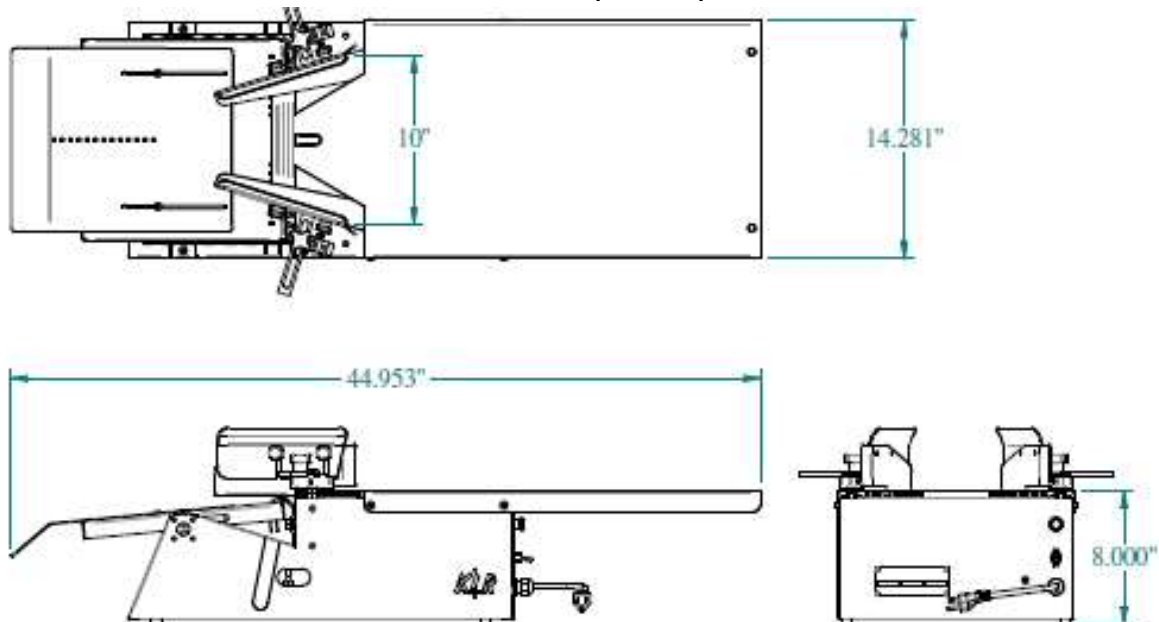
2.4.1: KLR.200

The dimensions are in inches.

REGULAR (NO FILTER)

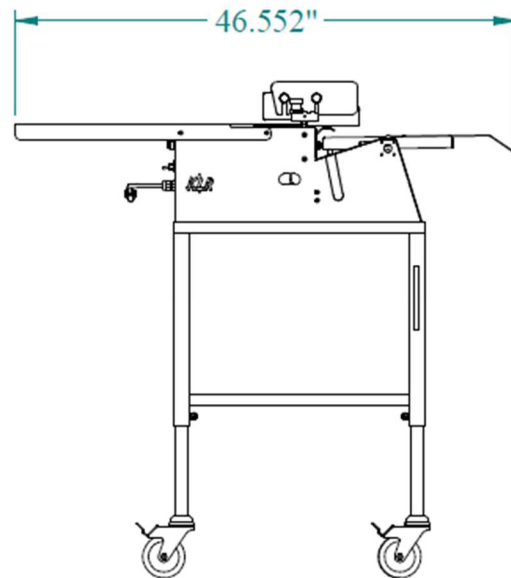
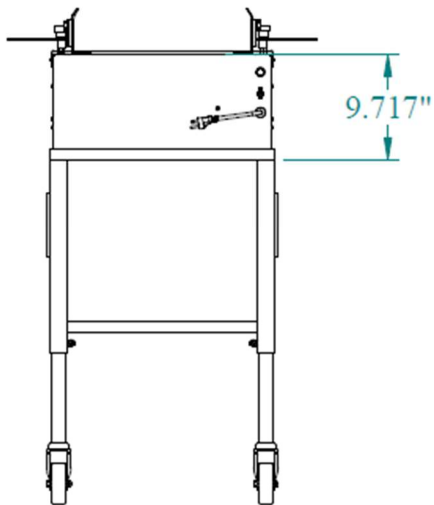
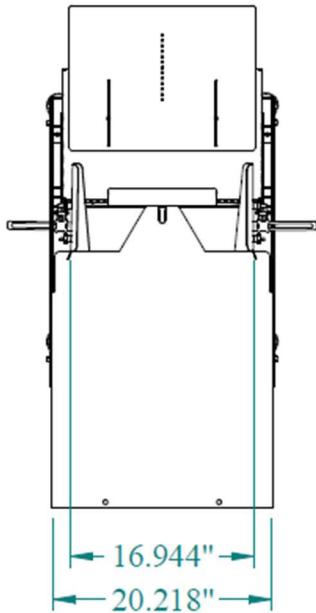


WITH FILTER (OPTION)



2.4.1: KLR.300

The dimensions are in inches.



3.0: INSTALLATION

Very simple installation:

- Make sure the surface you want to put the hand bagger is leveled and in a comfortable height to work with;
- (option) If you bought the tray on wheels: Every foot has two (2) adjustable screws. Adjust them to get a comfortable height and leveled. Afterward, make sure the screws are well tight. **OPERATION**

3.1: How to start the machine

This equipment has a 120v power cord already installed;

Fuse 3 amps (for maintenance)

ON/OFF switch

Power cord



3.2: Load bags on machine

All the information for loading the bags onto the equipment are in the following segment:

- Turn OFF the blower;
- Rotate slightly down the top of the bag table (1) and raise it up (2);



- Slide the bag table all the way toward you (3), then rotate it completely down (4);



- Prepare the bags. Bags usually comes with two rubber stoppers inserted into the wicket wires and carboard under and above the bags, remove them;



- Hold firmly the bags and insert the broaches of the wicket on the bag table in a way there is equal number of holes on each side;



- Reposition the bag table;



- Make sure the bags and the wicket are well pressed under the bag retainer;



- Turn ON the blower

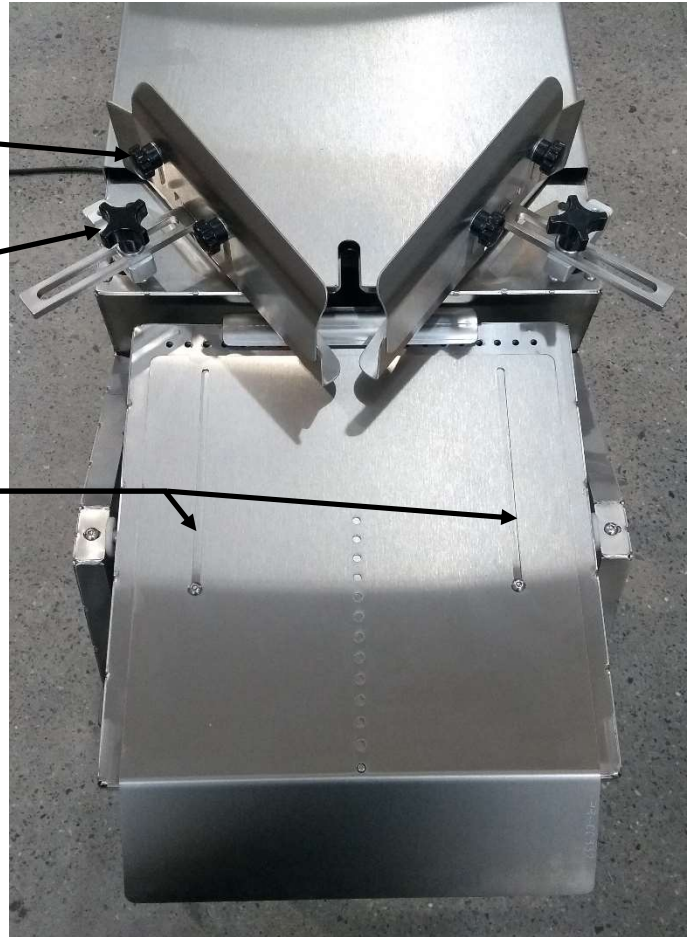
3.3: Setup

Setup is needed each time you change the size of the bags on your equipment. Both sides should be mirror. There is 3 adjustable parts you need to take it care of:

Adjustable hand screws for height and angle (4)

Adjustable hand screws for width (2)

Adjustable slots (for longer bags) No tool needed, gently lift the plate off the middle screw and change into other predrilled spot.



- You might start with something like that:



- Adjust the width in a way the scoops will always enter the bag parallel;



- Adjust the height of the scoops to get the maximum opening for the product;



- This setup right above will work, but it is even easier if the scoops are opening at the end of the bags (1), to accomplish that, you may want to try changing the scoops position (2);



3.4: Bagging

- Plug the power cord to a standard 120v outlet;
- Turn ON the blower;



- Hold the product by hand. Push into the bags until the bag tears off the wicket;



Caution: When you have sliced product, you should keep a momentum in the action;

Caution: the spring action makes the scoops close back. Always go forward, even if you miss bag, or you might pinch your hand by going the other way.



4.0: SAFETY PRECAUTION

The equipment must be turned off and disconnected for all maintenance and cleaning. Please check that you have enough space to work and to open the equipment for maintenance.

Any modification made on the equipment regarding, mechanical aspect, safety sensors, electricity, design or any part that is closely related to the equipment will void all guarantees and responsibility from KLR Systems. If a modification is required, please contact KLR Systems for approval. All modifications must be made by a qualified technician or a technician from KLR Systems.

We are not responsible for any abuse, incorrect manipulation, unspecified use or incorrect maintenance made by the owner and users.

4.1: Personal protective

Air blower: please, wear safety glasses when using an air blower for cleaning.

4.2: Safety components

This machine is designed to be as safe as possible. Danger areas have been enclosed with covers and doors for better protections.

Safety panel or safety doors: As a safety component, do not try to remove or unscrew them unless it is necessary for a maintenance operation. Do keep in mind to use disconnect the equipment during this procedure and to reassemble every single piece as it was when finished.

5.0: MAINTENANCE AND CLEANING

Simple maintenance: clean by air blow the remaining dust and crumbs on top and underneath the bag table. Sanitize the scoops and the surface that will be in contact with food.

6.0: MAINTENANCE AND REPARATIONS BY TECHNICIANS FROM KLR SYSTEMS

Contact information for service

KLR SYSTEMS INC.

944 Heron Street,

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J0H 1W0

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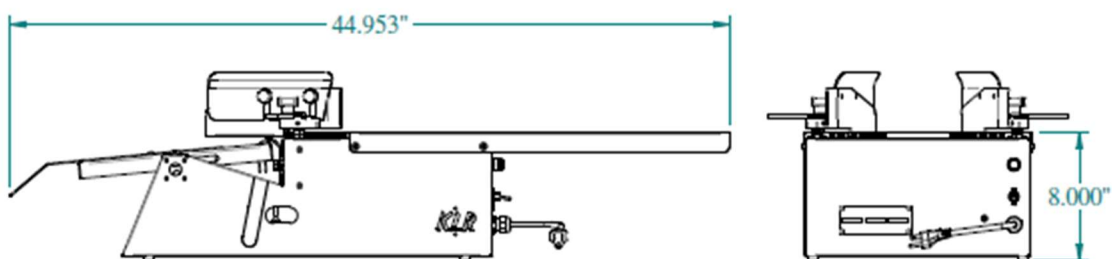
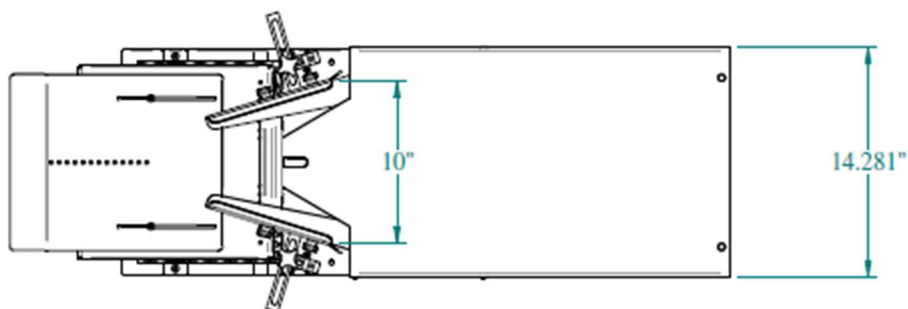
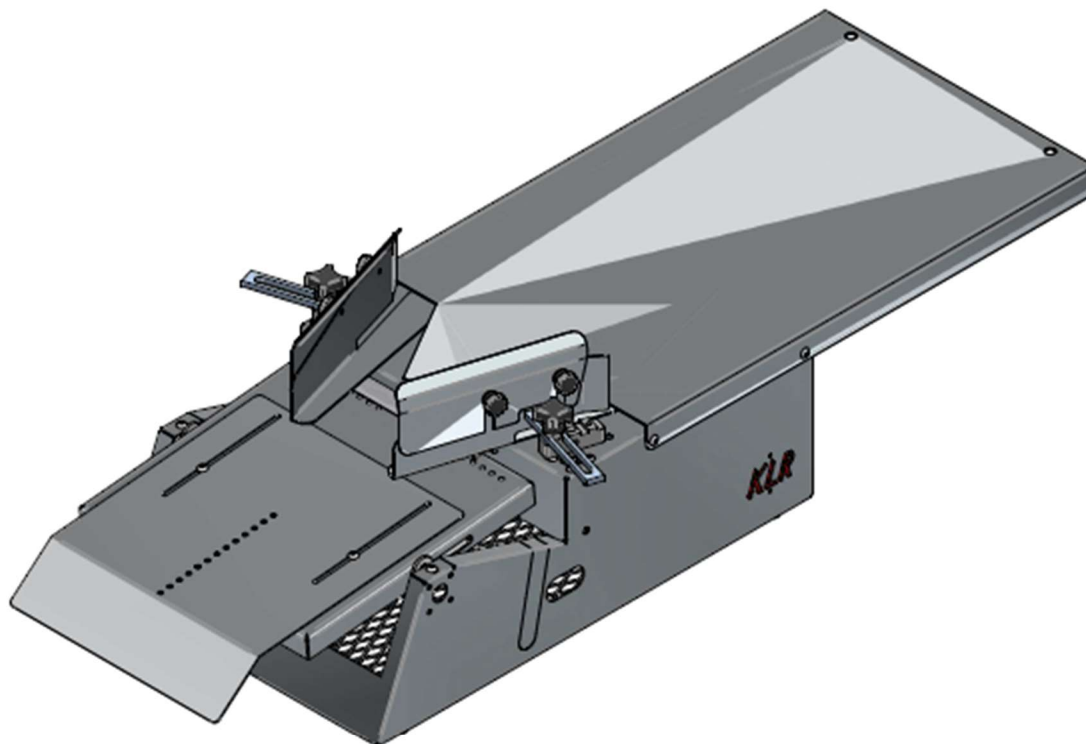
7.0: SPARE PARTS LIST AND CONSUMABLES

This is a suggested spare parts inventory to keep in your facility

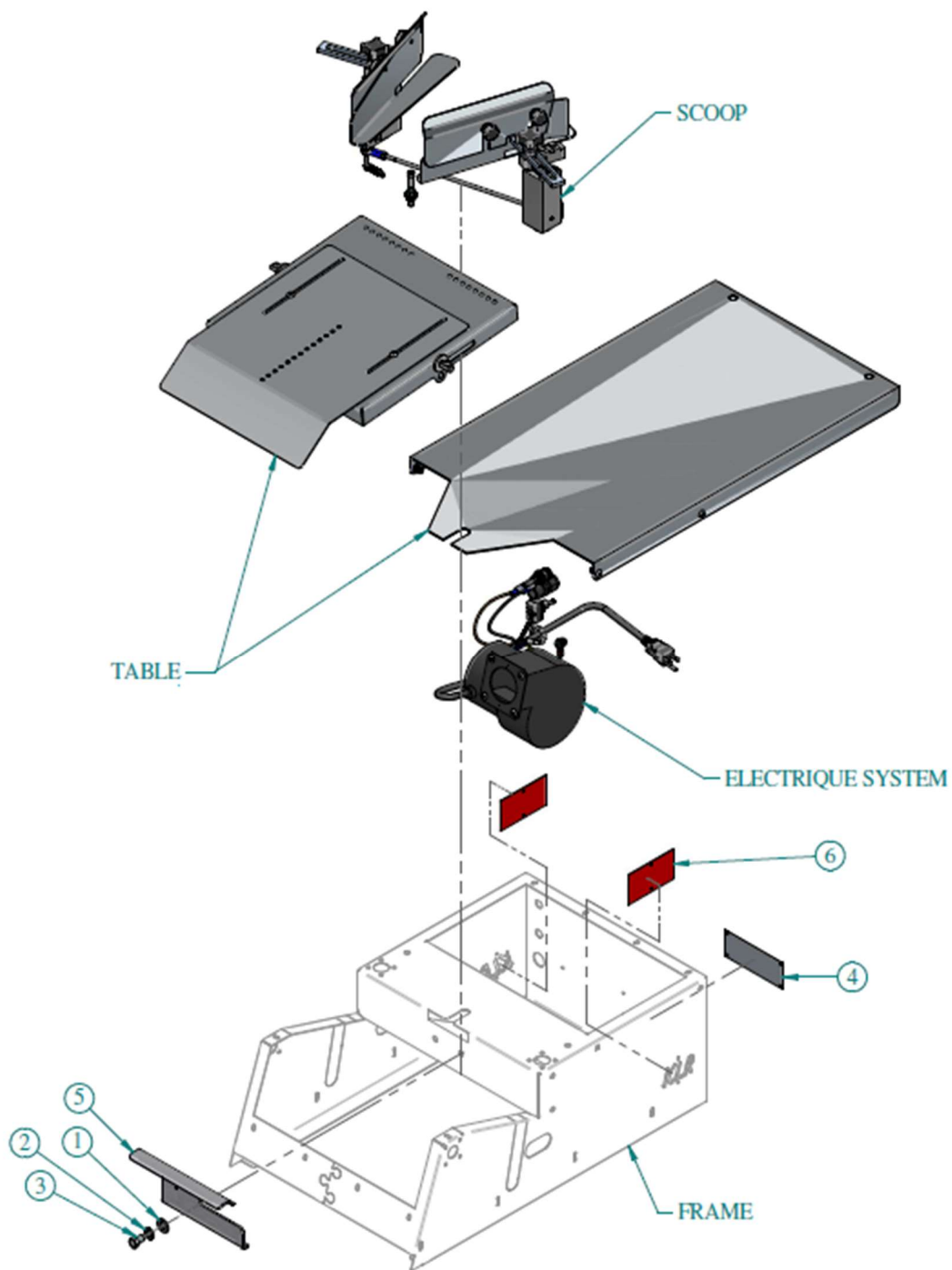
Numbers	Part numbers	Description	Quantity
1	PR-00322	WASHER	2
2	PM-00170	KNURLED KNOB	2
3	OW-002S	WASHER	2
4	PM-00174	FOUR PRONG KNOB	2
5	OS-019	SPRING	1
6	P02-00095	BEARING	2
7	PM-00303FR	ROD END	2
8	PE-00302	BLOWER	1
9	PE-00212	FUSE 3A	2

8.0: EXPLODED VIEW

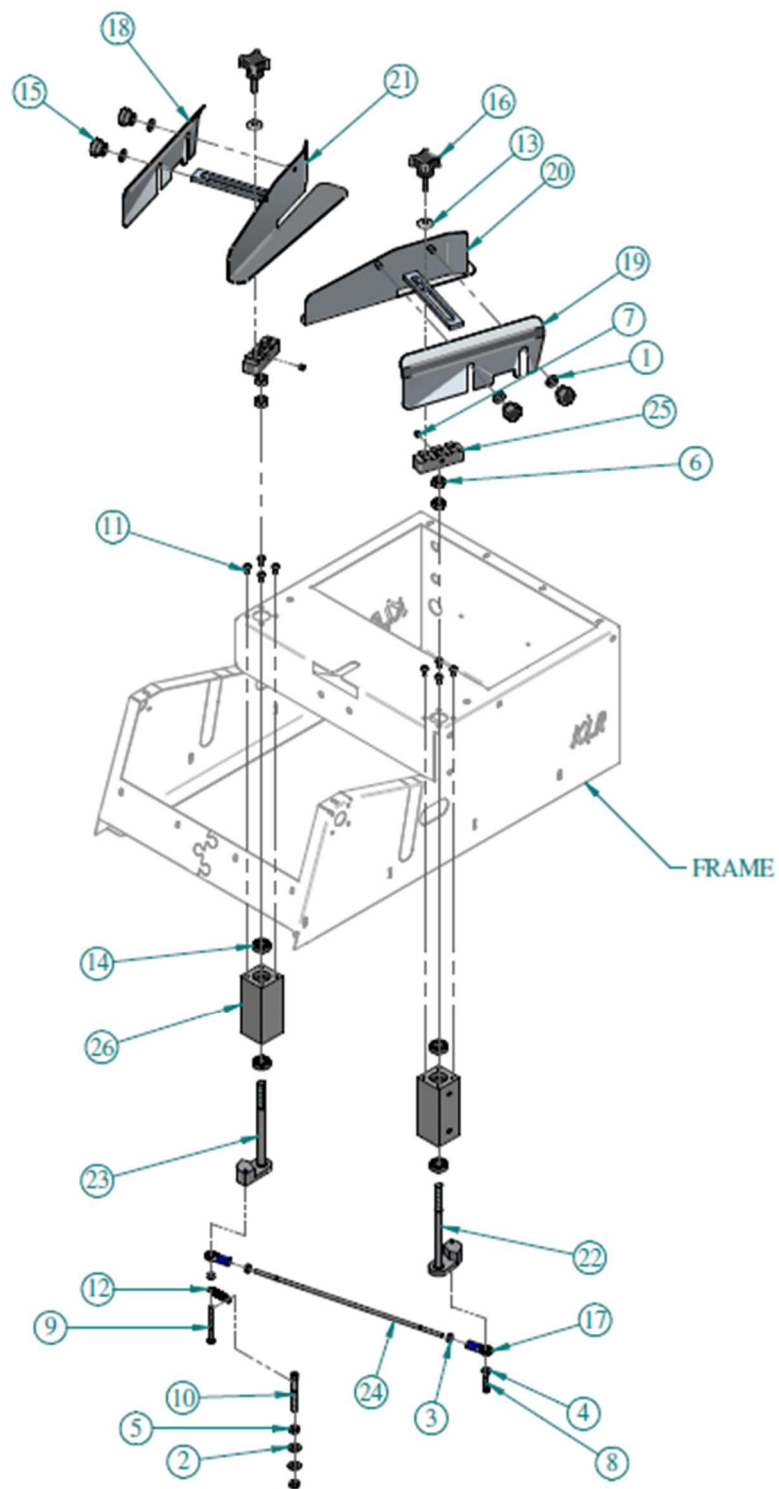
8.1: KLR.200



8.1.1: KLR.200 Main assembly



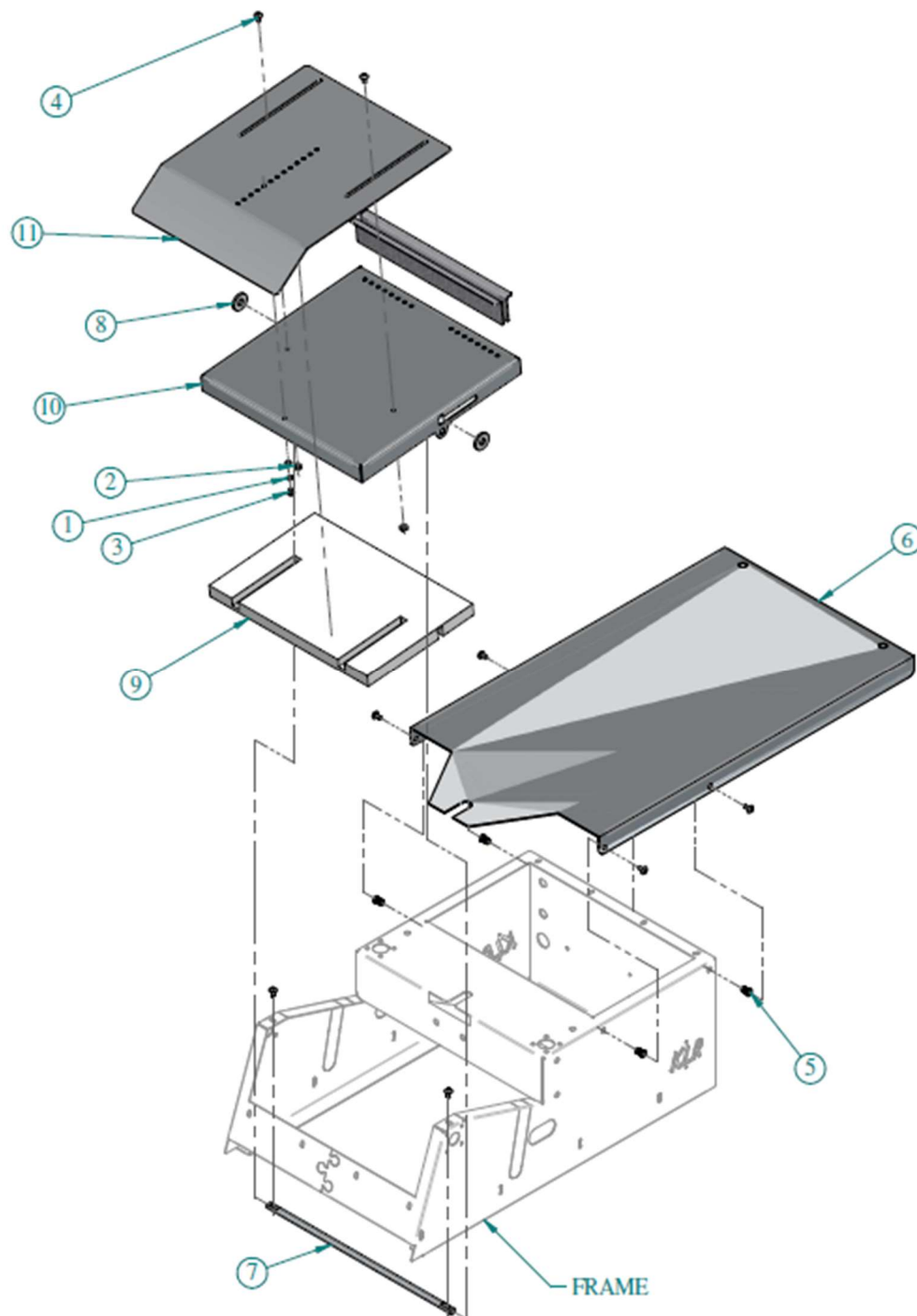
8.1.2: KLR.200 Scoops assembly



8.1.2.1: KLR.200 Scoops part list

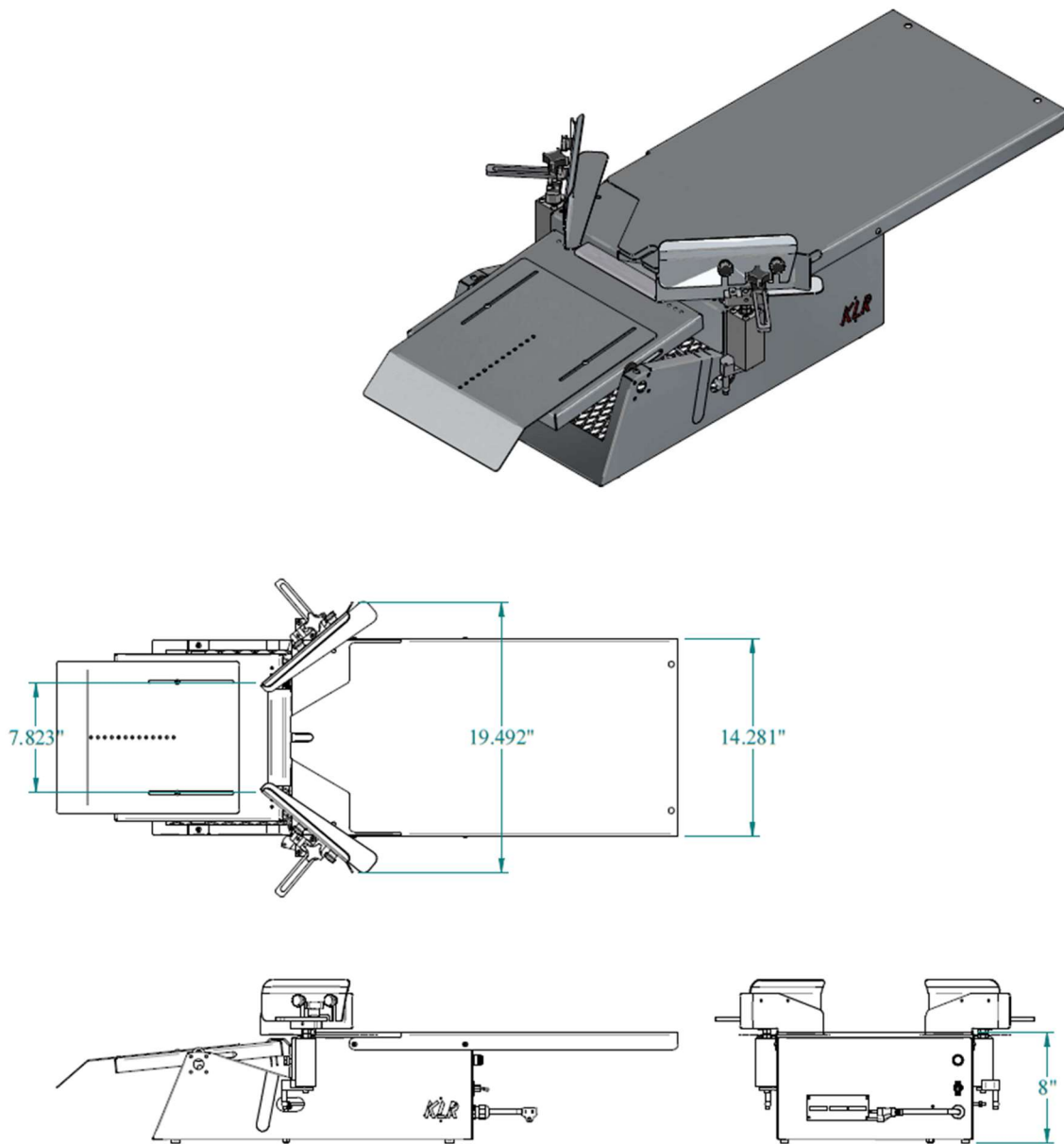
KLR.200			
No.	# Document	Qte	Title
1	F01-250	4	FLAT WASHER 1/4 ZINC
2	F01-250S	2	FLAT WASHER # 14 STAINLESS
3	F03-190CS	2	NUT HEX 10-32 STAINLESS
4	F03-190FS	2	NUT HEX 10-32 STAINLESS
5	F03-250CS	2	NUT HEX. 1/4 -20 STAINLESS
6	F03-375CS	4	HEX NUT 3/8-16 STAINLESS STEEL
7	F06-250C04	2	SET SCREW 1/4-20 X 1/4" ZINC
8	F10-190F12S	1	SOCKET CAP 10-32 X 3/4" STAINLESS
9	F10-190F32S	1	SOCKET CAP 10-32 X 2" STAINLESS
10	F10-250C32S	1	SOCKET CAP 1/4-20 X 2" STAINLESS
11	F11-190C06S	8	BUTTON HEAD 10-24 X 3/8 STAINLESS
12	OS-019	1	SPRING TENDOR
13	OW-002S	2	SPECIAL WASHER
14	P02-00095	4	BEARING
15	PM-00170	4	1/4-20 KNURLED KNOB
16	PM-00174	2	FOUR PRONG KNOB
17	PM-00303FR	2	10-32 FEMALE ROD END
18	PR-00304-1-L	1	ADJUSTMENT PLATE
19	PR-00304-1-R	1	ADJUSTMENT PLATE
20	PR-00304-L	1	LEFT SCOOP ASSEMBLY
21	PR-00304-R	1	RIGHT SCOOP ASSEMBLY
22	PR-00307-L	1	SWIVEL ROD FOR SCOOP
23	PR-00307-R	1	SWIVEL ROD FOR SCOOP
24	PR-00319A	1	THREADED ROD
25	PR-00320	2	POSITIONING BLOCK
26	PR-00321	2	BEARING HOLDER

8.1.3: KLR.200 Table

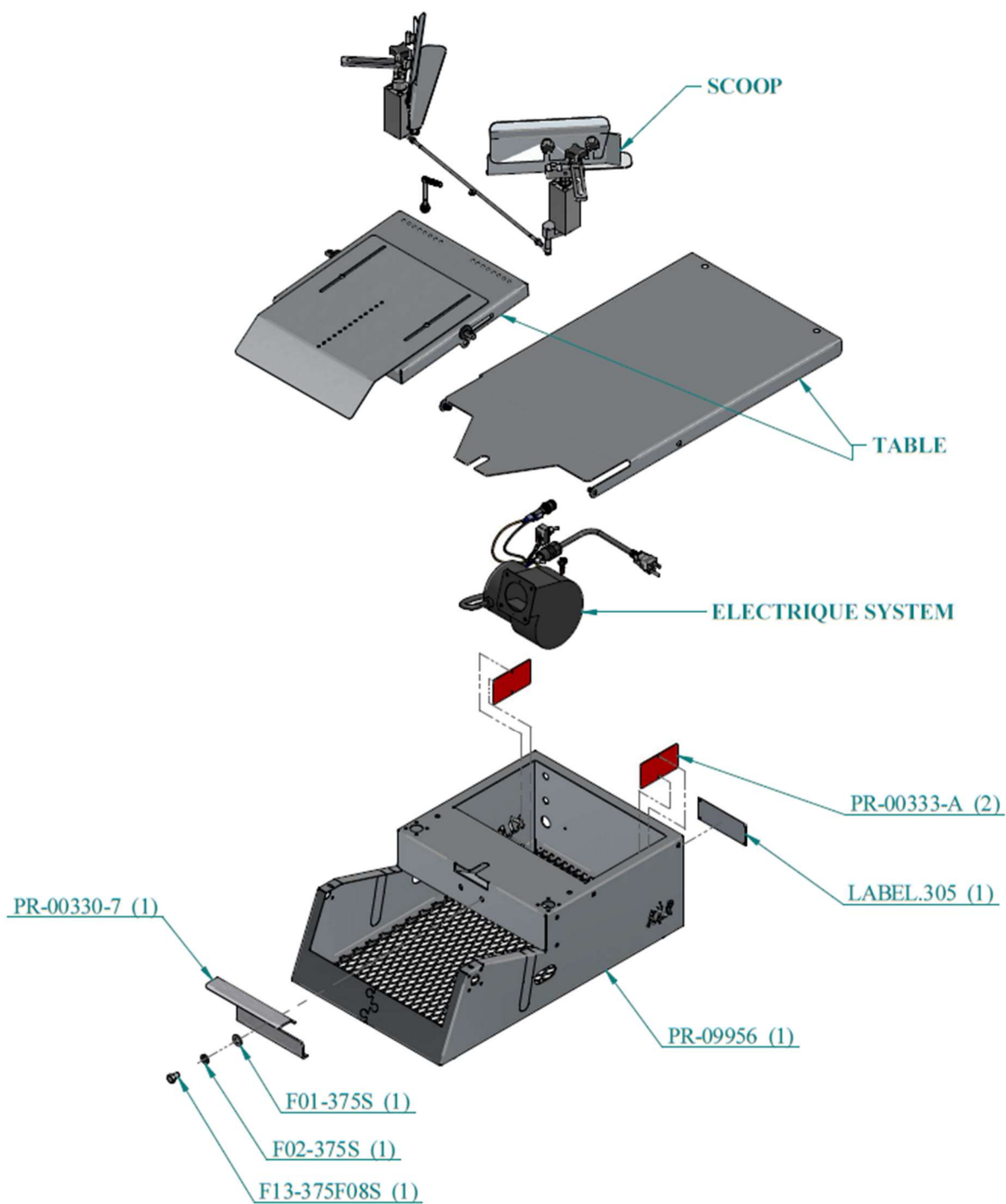


8.1.3.1: KLR.200 Table part list

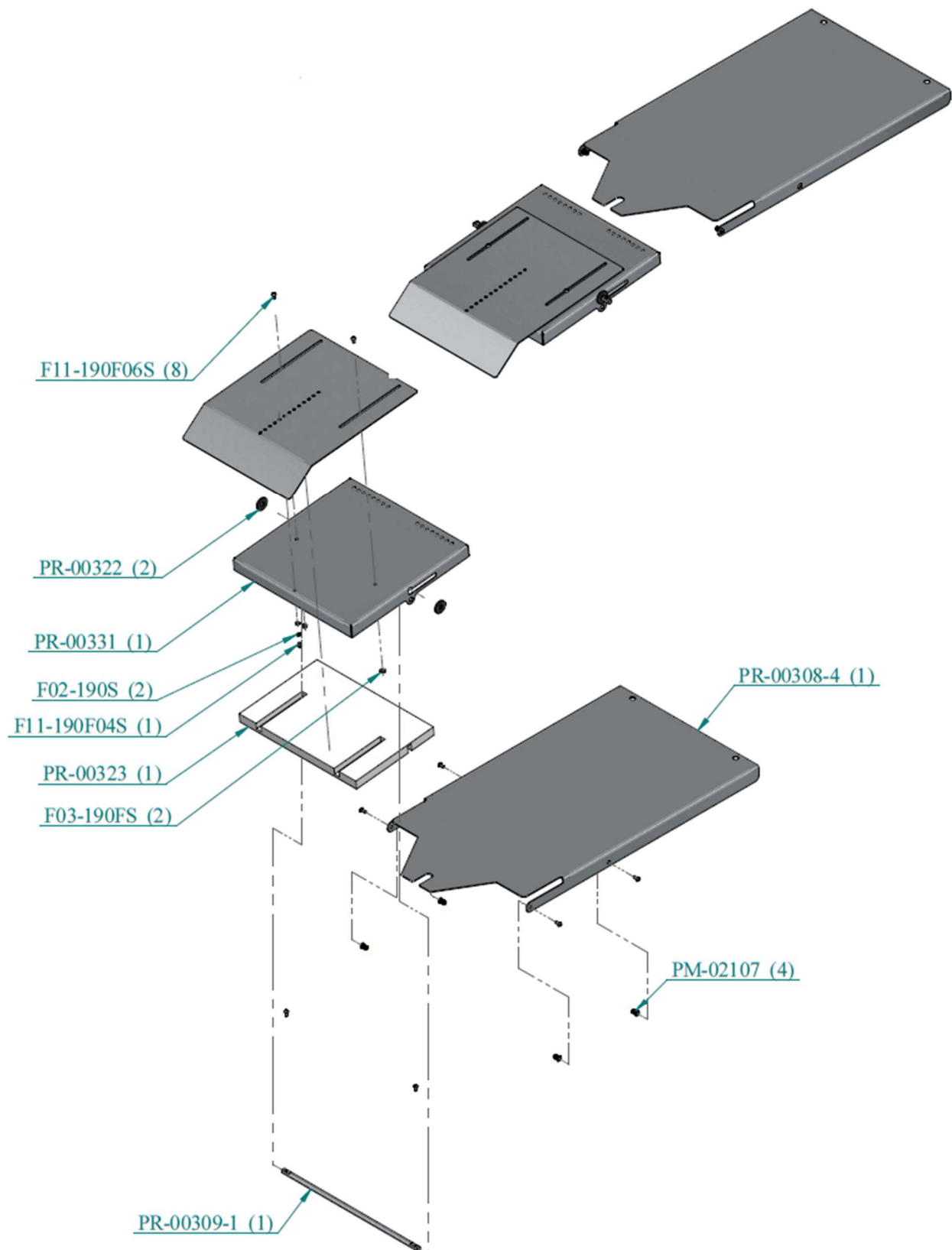
KLR.200			
No.	# Document	Qte	Title
1	F02-190S	2	LOCK WASHER #10 STAINLESS
2	F03-190FS	2	NUT HEX 10-32 STAINLESS
3	F11-190F04S	1	BUTTON HEAD 10-32 x 1/4" STAINLESS
4	F11-190F06S	8	BUTTON HEAD 10-32 x 3/8 STAINLESS
5	PM-02106	4	INSERT
6	PR-00308-2	1	TOP FRAME
7	PR-00309-1	1	SHAFT
8	PR-00322	2	WASHER
9	PR-00323	1	NYLON PLATE
10	PR-00331	1	TABLE ASSEMBLY
11	PR-00332	1	TOP PLATE

8.2: KLR.200-EX

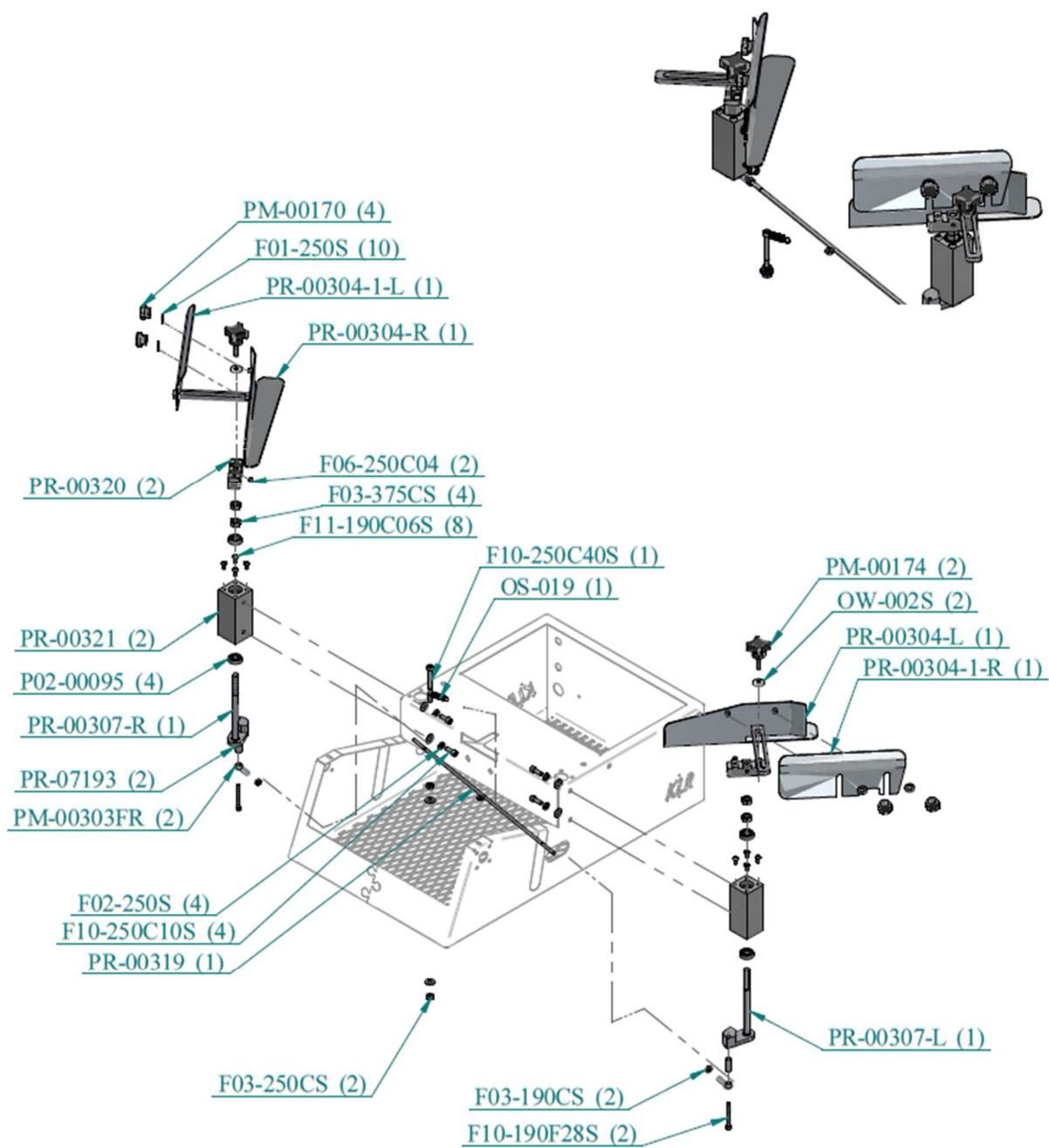
8.2.1: KLR.200-EX Main assembly



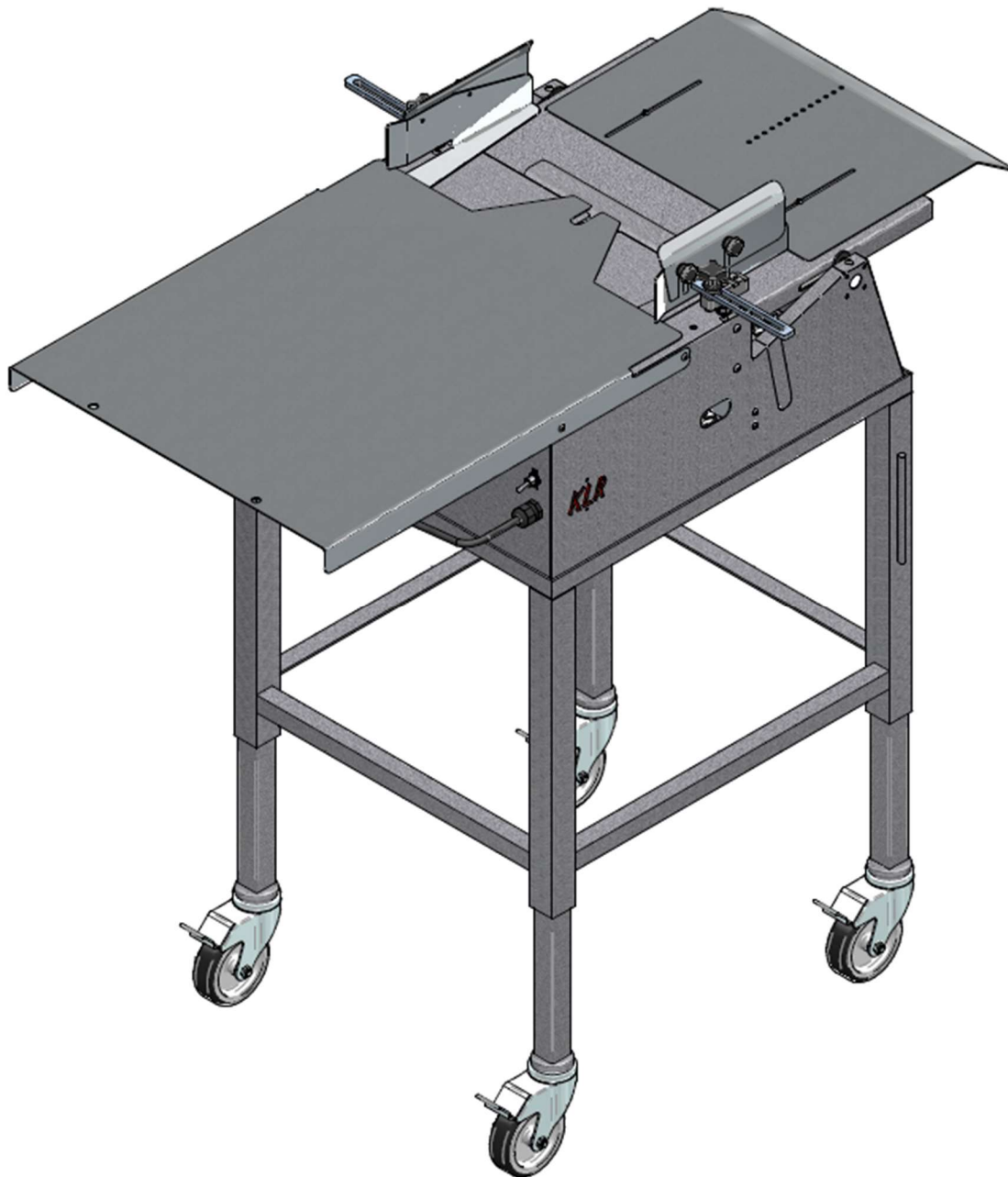
8.2.2 : KLR.200-EX Table



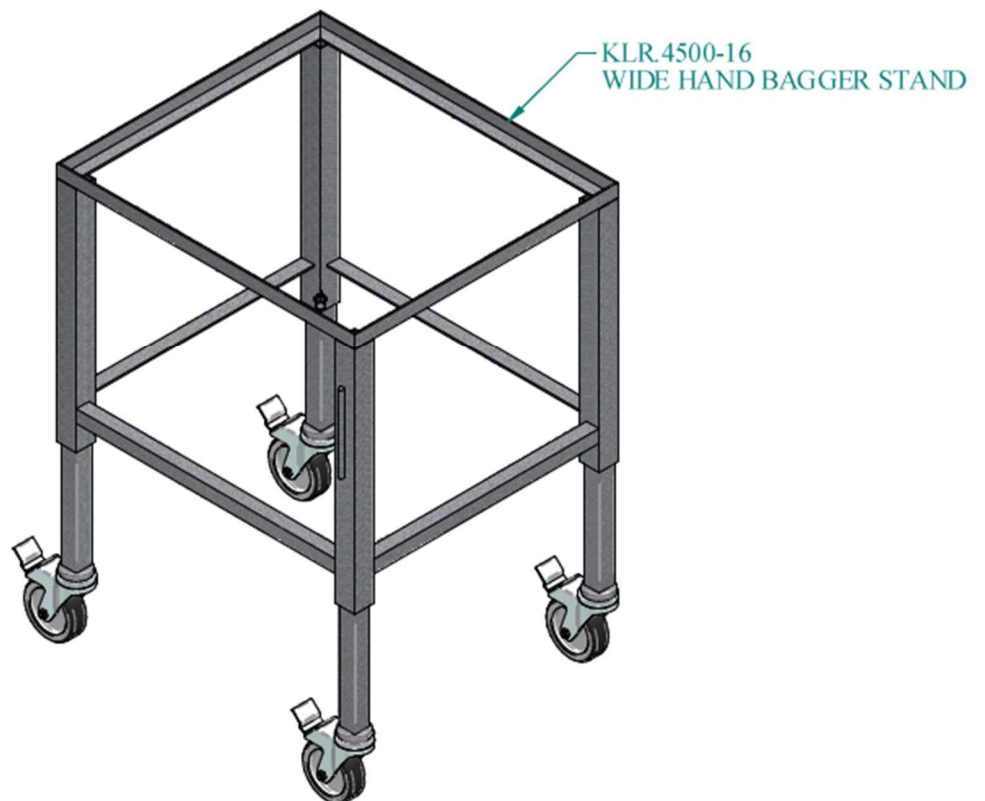
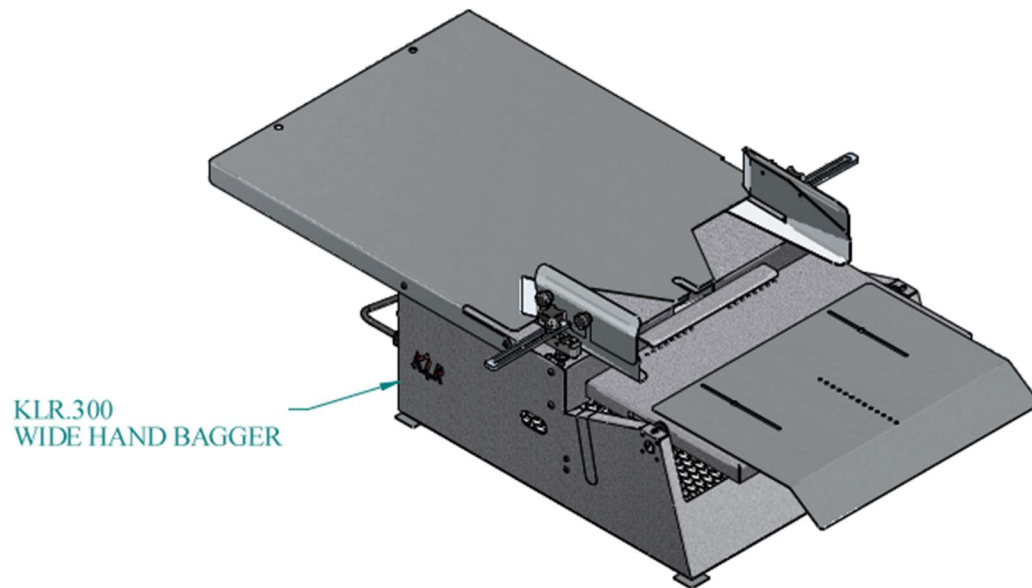
8.2.3 : KLR.200-EX Scoops



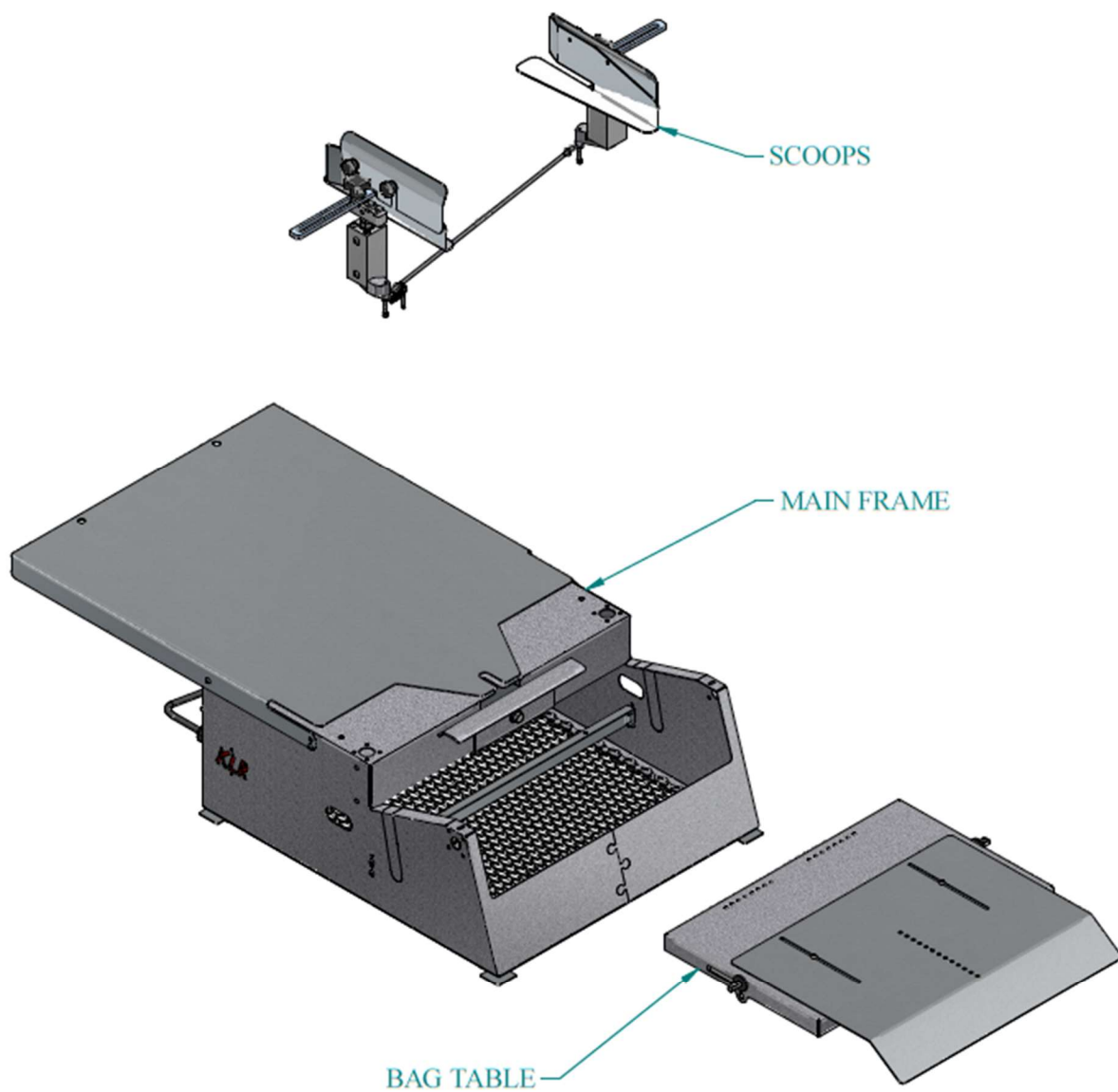
8.3: KLR.300



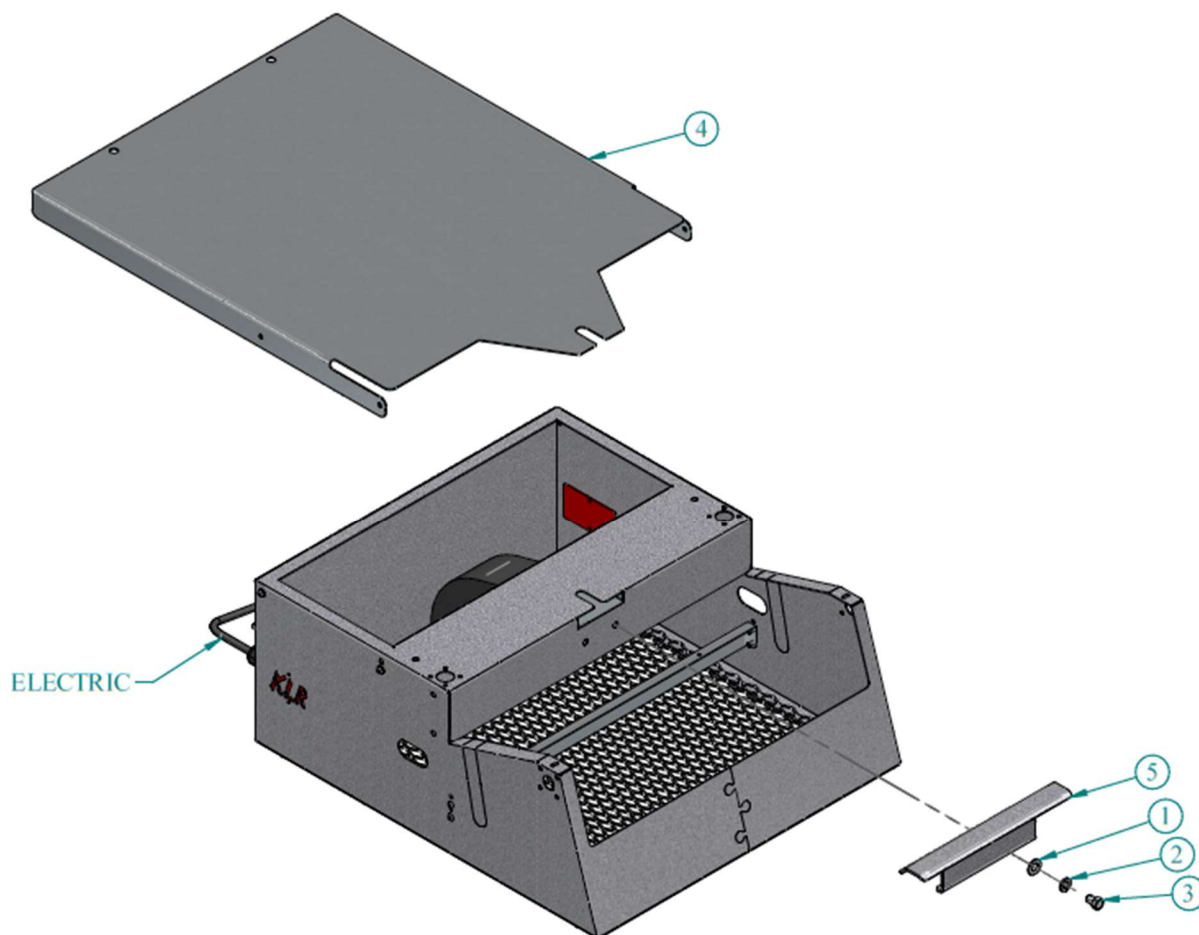
8.3.1: KLR.300 wide hand bagger



8.3.2: KLR.300 Main components

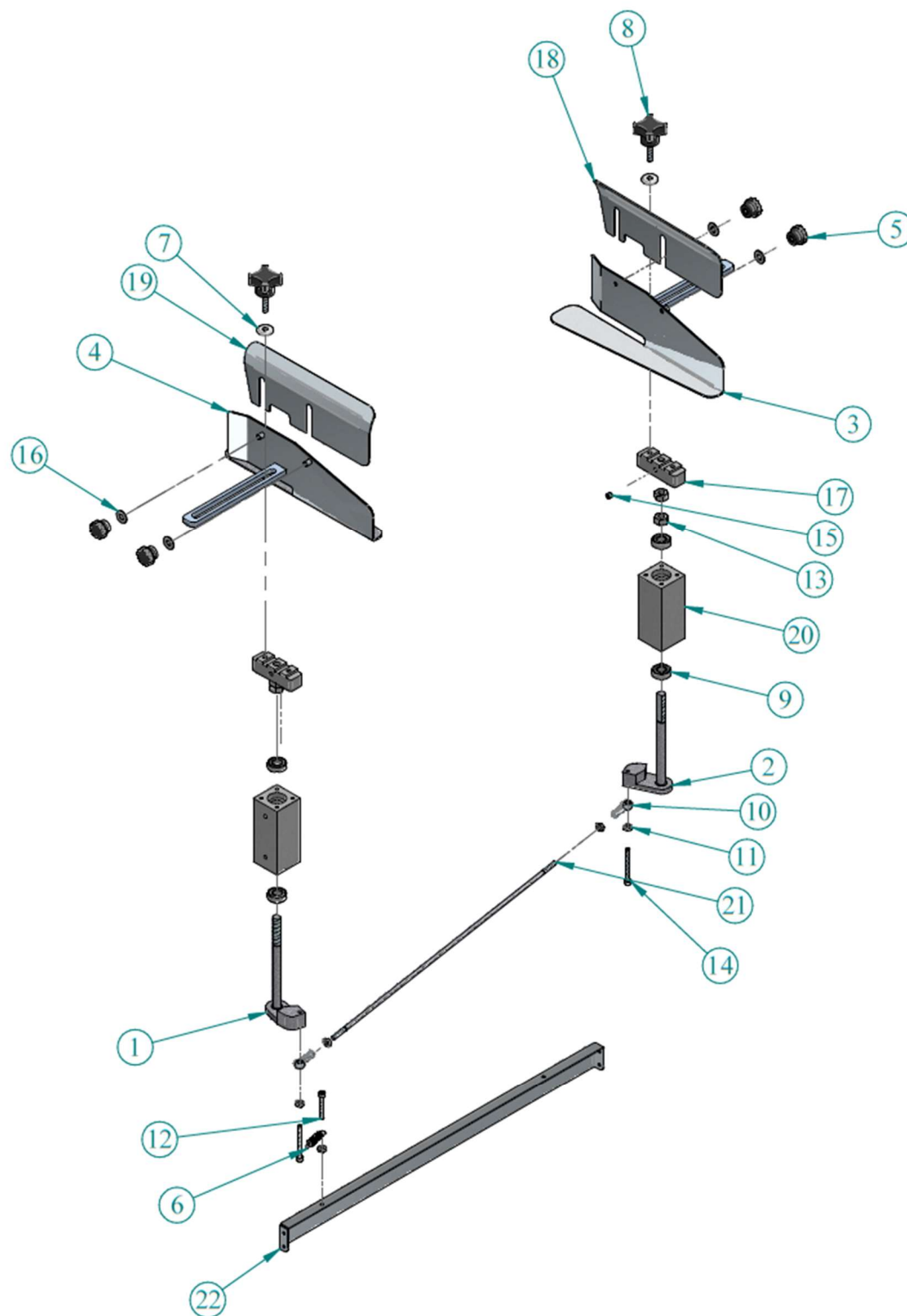


8.3.3: Main frame assembly



MAIN FRAME FOR KLR.300				
No.	Part number	Qty	Title	
1	F01-375S	1	FLAT WASHER 3/8" STAINLESS	
2	F02-375S	1	LOCK WASHER 3/8" STAINLESS	
3	F13-375F08S	1	HEX HEAD 3/8-24 X 1/2" STAINLESS	
4	PR-00308-16	1	TOP FRAME 16"	
5	PR-00330-10	1	BAG HOLDER	

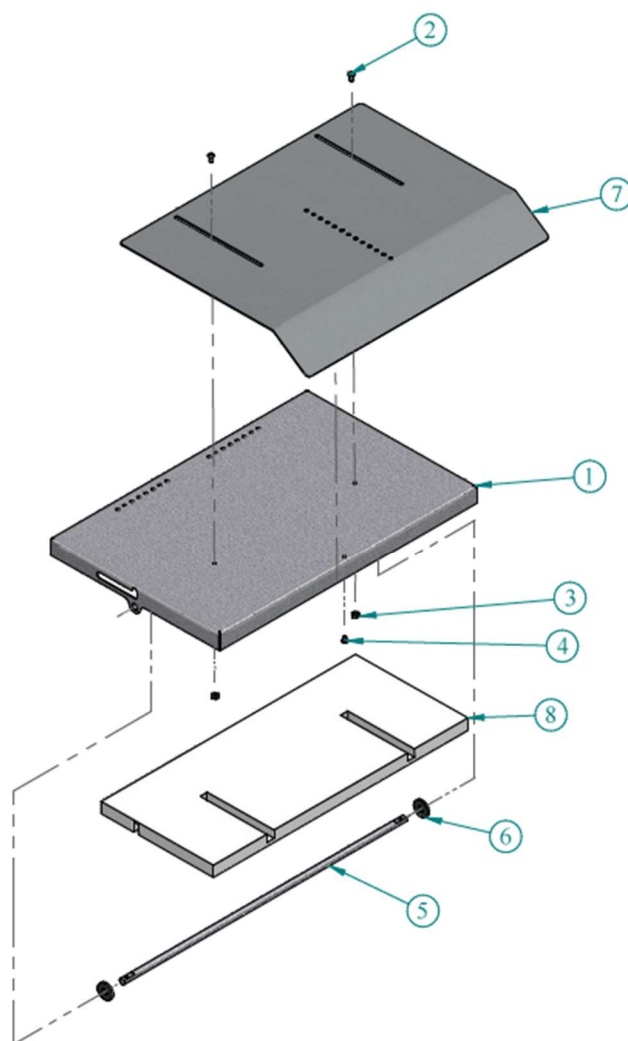
8.3.4: Scoops assembly



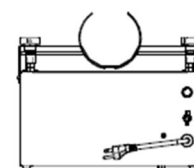
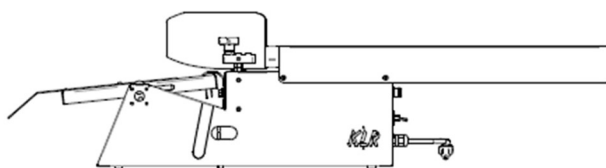
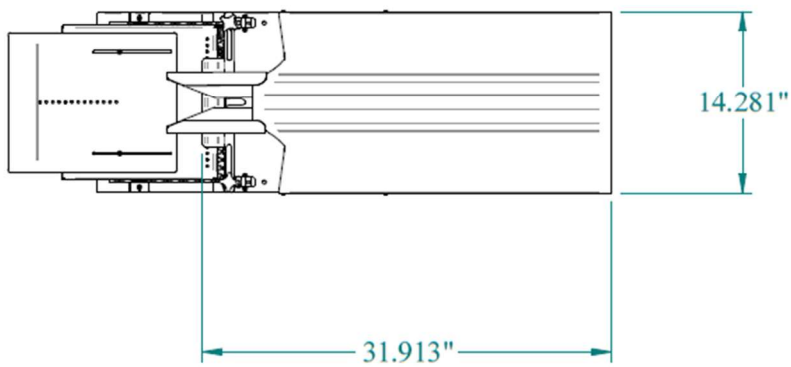
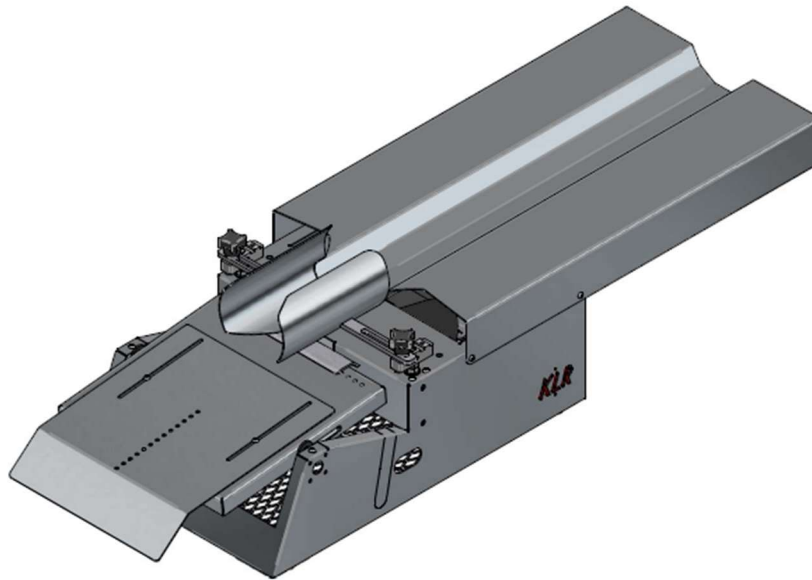
8.3.4.1: Scoops assembly part list

SCOOP PART LIST FOR KLR.300			
No.	Part number	Qty	Title
1	PR-00307-R	1	SWIVEL ROD FOR SCOOP
2	PR-00307-L	1	SWIVEL ROD FOR SCOOP
3	PR-00304-L-16	1	LEFT SCOOP ASSEMBLY
4	PR-00304-R-16	1	RIGHT SCOOP ASSEMBLY
5	PM-00170	4	1/4-20 KNURLED KNOB
6	OS-019	1	SPRING TENDOR
7	OW-002S	2	SPECIAL WASHER
8	PM-00174	2	FOUR PRONG KNOB, MALE 1/4-20 UNC x 1" LG.
9	P02-00095	4	BEARING
10	PM-00303FR	2	10-32 RIGHT FEMALE ROD END
11	F03-190FS	5	NUT 10-32 STAINLESS
12	F10-190F20S	1	SOCKET CAP 10-32 X 1 1/4" STAINLESS
13	F03-375CS	4	NUT 3/8-16 STAINLESS
14	F10-190F28S	2	SOCKET CAP 10-32 X 1 3/4" STAINLESS
15	F06-250C04	2	SET SCREW 1/4-20 X 1/4" STEEL
16	F01-250S	4	FLAT WASHER 1/4 STAINLESS
17	PR-00320	2	POSITIONING BLOCK
18	PR-00304-1-R	1	ADJUSTMENT PLATE
19	PR-00304-1-L	1	ADJUSTMENT PLATE
20	PR-00321	2	BEARING HOLDER
21	PR-00319A-16	1	THREADED ROD
22	PR-10842	1	CROSSMEMBER

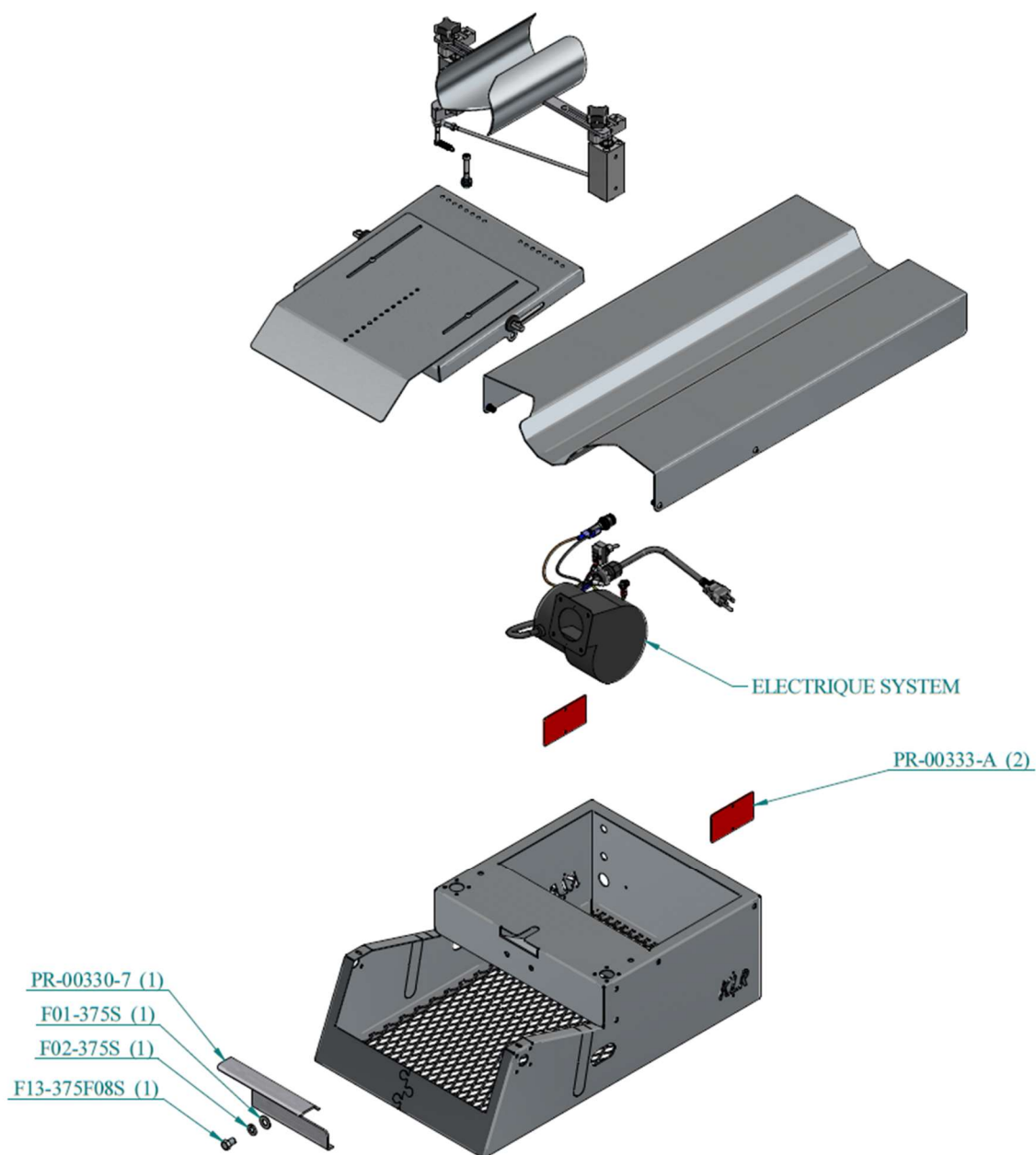
8.3.5: Bag table assembly



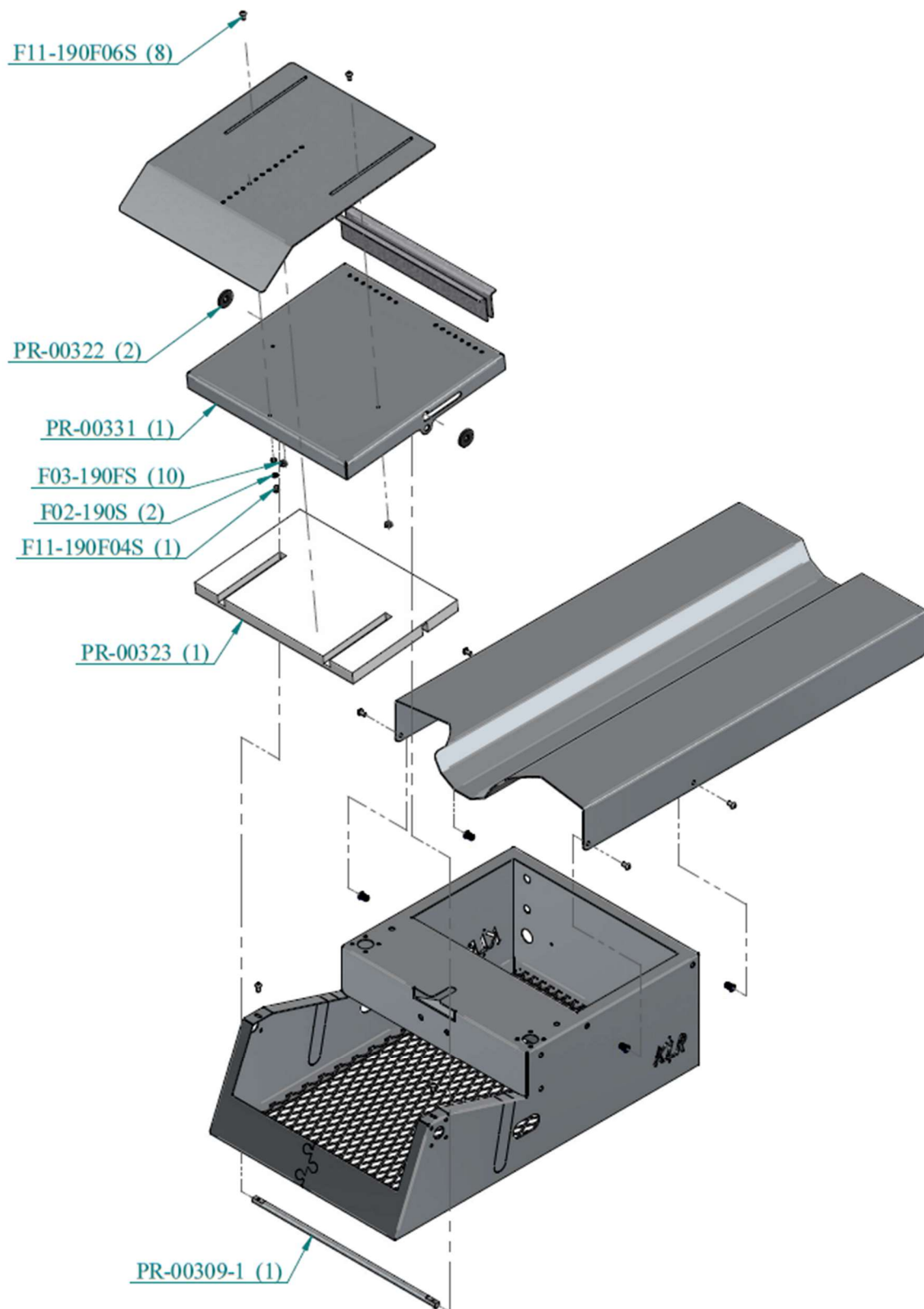
BAG TABLE FOR KLR.300			
No.	Part number	Qty	Title
1	PR-00331-16	1	TABLE ASSEMBLY
2	F11-190F06S	2	BUTTON HEAD 10-32 x 3/8 STAINLESS
3	F03-190CS	2	NUT HEX 10-24 STAINLESS
4	F11-190F04S	1	BUTTON HEAD 10-32 x 1/4" STAINLESS
5	PR-00309-16	1	SHAFT
6	PR-00322	2	WASHER
7	PR-00332-16-01	1	TOP PLATE
8	PR-00323-16-01	1	NYLON PLATE

8.4: KLR.200-ROUND

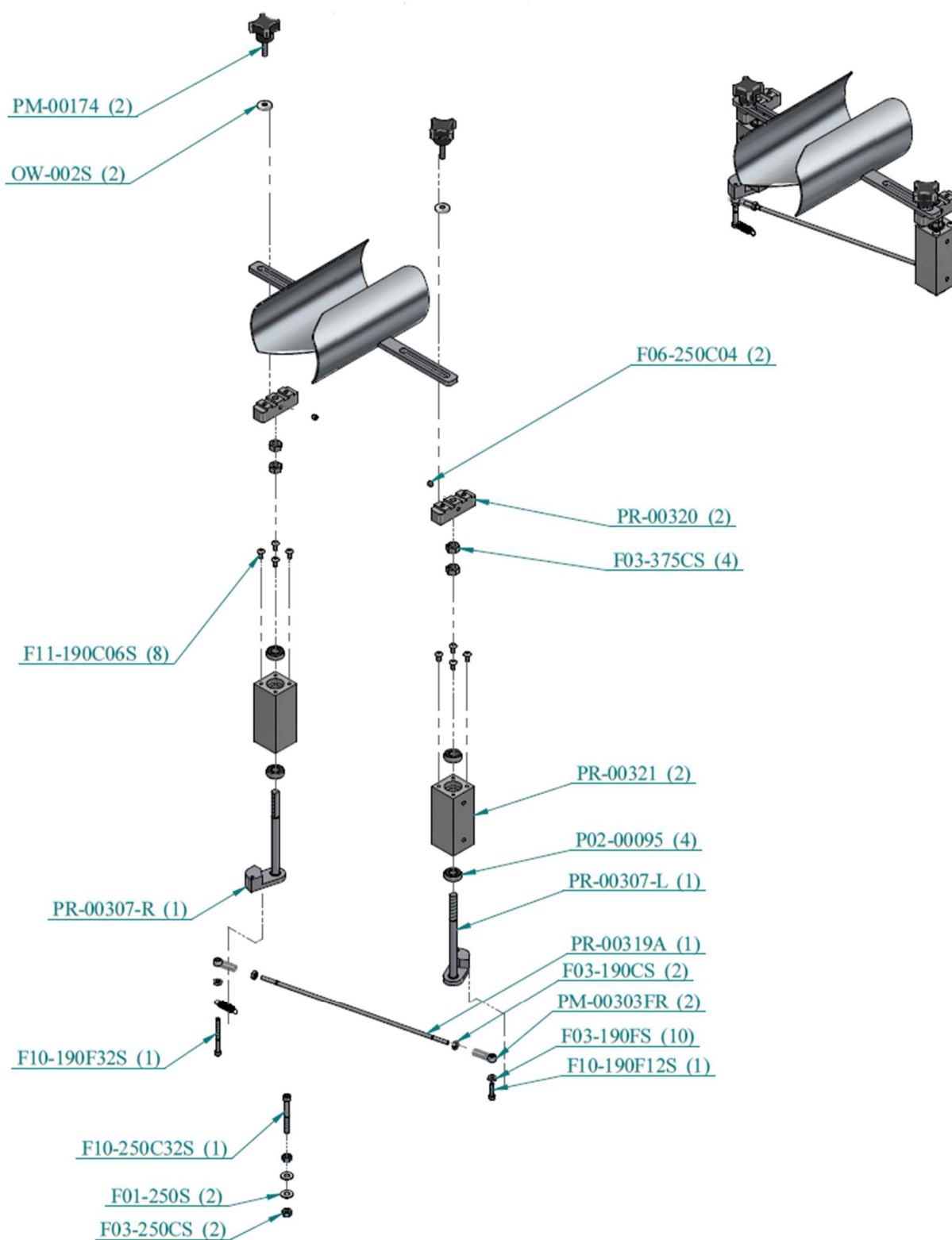
8.4.1: KLR.200-ROUND Main assembly



8.4.2: KLR.200-ROUND Table



8.4.3: KLR.200-ROUND Scoops assembly



8.5: Electric parts (KLR.100, KLR.200, KLR.200-EX, KLR.200-ROUND, KLR.300)

