



DS750 / DS1000 SEED DRILL





GUARANTEE RECLAMATION FORM N°

To be returned on reception of the machine

Dealer
Name
Address
Tel
Code Nb

Owner
Nom
Address
Tel

Type of machine	
Working width	
Serial number of the machine	
Delivery date to the user's place (join a copie of invoice and dealer's delivery note)	
Tractor description and horse power	
Type of soil, clay %	
Surface area of farm	

Date : / /

Customer's signature and client's stamp

Dealer's signature and dealer's stamp

We are fully aware of, and accept, the contents of the instruction manual and we hereby adhere to the clauses of the guarantee.

DECLARATION OF CONFORMITY TO « MACHINE » REGULATIONS

		AGRISEM® INTERNATIONAL	
"Beaucé" F - 44850 LIGNÉ - Tél. 33 (0)2.40.77.40.48 Fax. 33 (0)2.40.77.45.45			
<input type="radio"/>	MODEL	<input type="text"/>	
	SERIAL N°	<input type="text"/>	
Material manufactured under licence			

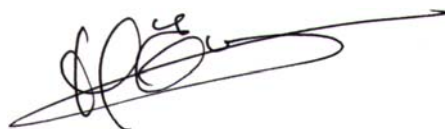
The above-named constructor certifies that the hereby designated new material:

DISC-O-SEM

Conforms to the stipulations of the modified "machines" regulations (regulation 89/392/CEE) and the national legislation hereby concerned.

Signed in Ligné, France,

6th June 2004



Michel EVIN
Managing Director

SUMMARY

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INTRODUCTION

You are the owner of a **DS750-1000 seed-drill**. This machine has been designed to give you complete satisfaction.

This equipment is the result of research into new solutions with the aim of reducing costs.

In order to get the most out of your **DS750-1000 seed-drill**, please read your manual with care and follow the advice concerning maintenance and adjustment carefully.

Your dealer remains at your disposal for further information, so please don't hesitate to contact him.

In the interest of improvement, **AGRISEM INTERNATIONAL®** reserves the right to modify their products, but in so doing they are not under obligation to reproduce these modifications on existing models.

Likewise, characteristics in this manual can be modified without notice. Therefore, adjustment procedures and subsequent use of material, which are only guide-lines, can not be considered our responsibility.

GUARANTEE CONDITIONS

These guarantee conditions are only applicable to **machines exclusively equipped with original AGRISEM INTERNATIONAL parts**, « Beaucé », 44850 LIGNE, FRANCE; they are as follows:

- If a fault is noticed on any structural part of the machine in the **6 months** following delivery and if this fault is due to a raw material defect or due to fabrication procedures at the factory. The parts presumed faulty should be returned to the company for appraisal.

Proof of delivery:

- The date on the delivery note and the bill.
- The return of the guarantee card within 8 days of delivery (signed and stamped by the dealer and the owner).

The guarantee is limited to refunding or repair of the faulty parts, with material and servicing in our factory and by our technical service.

- Costs relating to dismantling and replacement of the faulty part are not covered by the guarantee nor are the transport costs for the machines or machine-parts (to the repair site and back).
- Regarding the guarantee, the term "Machine" is designated exclusively for new machines and parts manufactured by AGRISEM INTERNATIONAL. It does not include outer components such as tyres, flexible hydraulic hoses etc, even though these parts are also provided by the company.
- Naturally the guarantee does not apply to:
 - Faults due to wear and tear, misuse, lack of maintenance
 - Accident-damage or use not consistent with usual functions.
- The company can not be held responsible for damage incurred during transport and manipulation by the transport company concerned. It is the addressee who must deal with, as necessary, the transporters in such a situation.
- **The guarantee will be rendered null and void if any modifications are carried out on the machine without the formal agreement of AGRISEM INTERNATIONAL or if parts other than those produced by the company are used on the machine (eg. counterfeit parts).**
- AGRISEM INTERNATIONAL cannot be held responsible for complaints or injuries to the owner or a third person, nor the indirect consequences as a result of this; likewise no claims are possible in the case of the breakdown of an implement due to a defect or an incident with the machine.
- The company's responsibility concerning the guarantee is dependent on the strict respect, by the dealer and the owner, of the following regulations :

A) THE RETURN OF THE GUARANTEE CARD BY THE DEALER, DULY FILLED-IN AND SIGNED BY THE DEALER AND THE OWNER.

B) The claim must imperatively be formulated on the AGRISEM INTERNATIONAL guarantee reclamation form and sent by the dealer to the company's technical service, by recorded delivery, with acknowledgement of receipt, within a delay of one month following the incident. The reclamation form must be clearly filled in by the dealer and include the following information :

- Name and address of the dealer, client code,
- Name and address of the owner,
- Type of machine,
- Working width,
- Serial number of the machine,
- Delivery date to the owner,
- Date of the problem,
- Precise references of parts replaced, with invoice number and date,
- Make and type of tractor used,
- Detailed description of presumed causes of incident,
- Surface area worked by machine,
- Surface area of farm,
- Type of soil clay %,
 - Stoney ☐ yes ☐ no

C) The parts presumed faulty should be returned to the company for appraisal along with a duplicate of the guarantee reclamation form as proof. The transport costs necessary for return of the above-said parts are the responsibility of the sender.

D) Maintenance and use of the machine must conform to the user's manual.

E) The technical director or managing director of the company will make the final decision as regards the reclamation. This decision, regardless of the object of the guarantee appeal, is irreversible and the owner must agree to accept this decision regarding the defect, its replacement or that of certain parts.
The Company salesmen are not competent to make such a decision and if they do so, it should be considered null and void.

NOTA: In case of refusal, the part remains at the disposition of the client for 8 days, after this delay it will be disposed of with no appeal possible.

F) All safety measures mentioned in the user's manual and, likewise, those for all complementary material must be respected. All elements for protection and safety devices, plus all dangerous parts (e.g. shock absorbers) must be regularly inspected and replaced when necessary.

- Dealers have no right nor the permission to make any decision, whatsoever, on purpose or otherwise, in the name of the company.
- With the aim of constant improvement of its products, AGRISEM INTERNATIONAL reserves the right to modify them, with no obligation of reproducing the improvements on existing models.

Furthermore, due to the constant evolution of techniques, no guarantee can be given as regards the description of materials in all documentation produced by the company.

CORRECT USE OF THE MACHINE

The AGRISEM INTERNATIONAL DS750/1000 seed-drill must only be used for the work it is destined for.

In the case of damage due to use of the machine for work outside the constructor's specifications, the constructor can not be held responsible.

The correct use of the machine also implies:

- The respect of regulations of use, maintenance and upkeep as stated by the constructor,
- Exclusive use of replacement parts, accessories and original equipment appointed by the constructor.

The DS1500/2000 seed-drill must only be used, maintained and repaired by people competent to do so, familiar with the characteristics and the way of using the machine. The above-said people should be aware of the possible risks to which they are exposed.

The user must strictly comply to all regulations regarding:

- Accident prevention.
- Safety at work (labour laws).
- Driving on the road (Highway Code).

He has the obligation to observe all warnings concerning the machine. All modifications made by the user or any other person without the written agreement of the constructor disengages all responsibility of the constructor should damage result.

INSTRUCTIONS

Most accidents that happen while working, during maintenance or when displacing a machine are due to non-observance of elementary security regulations. Consequently, it is imperative that all people likely to work with this machine strictly respect the following fundamental rules. The same is true regarding the safety advice written on the stickers attached to the DS750/1000 SEED-DRILL.

1. Before all operations make sure that the DS750/1000 seed-drill is on a stable surface.
2. This DS750/1000 seed-drill was conceived for precise work, it must always be in perfect working order and only repaired with original AGRISEM INTERNATIONAL parts.
3. All necessary precautions must be taken when adapting working parts that are heavy or sharp.
4. Verify that the machine respects personal safety.
5. Verify tightness of screws and bolts before each use.
6. Verify that the DS1500/2000 seed-drill is coupled correctly.
7. Ensure that the tractor has sufficient ballast at the front before all work, in order to avoid any risk of tipping up; if necessary add ballast to the front of the tractor.
8. Distance all people from the manoeuvring area of the DS750/1000 seed-drill.
9. Never transport anybody on the DS750/1000 seed-drill or its complementary tools during work or displacement.
10. Be aware of hidden obstacles (stones, roots, tubing, cables, etc) if an incident occurs, STOP IMMEDIATELY, and find the cause.

NB: If the obstacle is an electric cable or gas-line, alert the authorities competent to deal with it.
11. Never leave the tractor unless the DS750/1000 seed-drill is resting on the ground, brakes on, motor off and the key out of the ignition.
12. Never adjust or repair anything unless the tractor motor is stopped and the machine is resting on the ground.
13. Before driving on the road, the user must ensure that the machine is coupled correctly and visible, in respect of the Highway Code.
14. Verify the correct tyre-pressure on your tractor.
15. On rough ground or tight turns reduce your speed.
16. Before any displacement, even short distances, verify the balance of the tractor and complementary material. Never drive over 25 Km/h when loaded.

GENERAL SAFETY RULES

- **Never let children** climb on the tractor or play close to material, even when the machine is stopped ;
- On delivery of a machine (new or second-hand) insist on the provision of the **user's manual** and the **code of work certificate of conformity** and from there on respect the constructor's instructions ;
- Make sure that the DS1500/2000 seed-drill and its complementary material does not hide the tractors rear lights ;
- If necessary equip your material with **reflective signalization** panels or complementary luminous indicators
- Clear the highway of any mud left by the tractor or tools ;
- Be aware that soil-working material, however narrow, presents a real danger (cutting-edge blades, ploughshares, discs...) and can be fatal in an accident ;
- Wear safety shoes and gloves when manipulating sharp parts ;
- If the material is not already equipped, anticipate means of signalization: **illumination ramps, catadioptrics, plates or bands of reflective stickers**. Long or large material must imperatively have a signalling system when the tractor's rear lights are hidden ;
- Always employ **bolts and locking systems**;
- For exposed metal parts, use an anti-rusting product or grease.

USING YOUR DS750/1000 seed-drill

The Disc-O-Sem chassis can be equipped with a number of various plough bodies. Each body is equipped with a replacable wearing disc. The working depth of the discs is controlled by a depth control device roller in the AGRISEM range.

1.1 PREPARATION FOR USE

When you receive your DS750/1000 seed-drill, verify that its characteristics are as stipulated. Then, carry out the preliminary operations for starting up, as indicated in this manual.

1.2 COUPLING-UP TO THE TRACTOR

1. Reverse the tractor in order to couple-up with the DISC-O-MULCH which should be resting on a stable surface.
2. Place the lower lifting arms in line with the coupling caps.
3. Couple-up the lower lifting arms by means of the appropriate device.
4. Adjust the length to the third hole then fix in place with the shaft and clip supplied.
5. To unfasten the DISC-O-MULCH, do the preceding operations in reverse order and ensure that the apparatus is on a stable surface.
6. During coupling-up or unfastening, nobody should remain between the tractor wheels and the DISC-O-MULCH.

1.3 ADJUSTMENTS

1.3.1 - Working width of an element

- The DISC-O-MULCH is delivered with a pre-adjusted distance between each disc.

1.3.2 - Depth adjustment

- Put the elements in their working position.
- Adjust the depth by manipulating the shafts of the multistop caps when your tool is equipped with a roller.

1.4 MAINTENANCE AND REPAIR

Before beginning any maintenance operation or oiling, make sure that the safety instructions have been followed. Before adjustments or verification, make sure the DS750/1000 seed-drill is horizontal and stable. Block the machine if necessary.




Oiling

The wheels and the drive shafts are fixed by means of two self-aligning blocks which provide grease. For the auto-alignment to function correctly the blocks should be oiled at the start of each new season and regularly throughout the season.

The grease used is a lithium-based grease reinforced with molybdenum bisulphide / NLGI2 grade. AGRISEM INTERNATIONAL can not be held responsible when any other type of grease is used.

Discs

⇒ The discs must be replaced as soon as their diameter reaches the following values.

1. Disc diameter	2. maximum diameter of wear and tear
 Ø510	
 Ø560	Ø 460
 Ø610	

AGRISEM INTERNATIONAL can not be held responsible if the DISC-O-MULCH is used with discs that have a level of wear and tear superior to that specified.

⇒ To replace the discs :

- Lift the DISC-O-MULCH about 15 cm off the ground and block it in that position with the tractor motor stopped and the parking brake on.
- Take off the damaged disc.
- Put on a new one.

	Only use original AGRISEM INTERNATIONAL parts.
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Worn spare parts

All the parts are made from specially treated steel, thus it is not advisable to solder them or else the thermal treatment loses its efficiency.

1.5 ADVICE FOR OPTIMAL USE

Before all usage, make sure that all safety instructions are followed and that the machine has been greased and maintained correctly.

When the soil humidity is great, slipping could degrade the superficial soil structure. It is better to use a tractor with four-wheel drive to reduce sliding.



For road transport remember to retract the lateral apron and dismantle the end disc.

Adapt your working speed to the type of soil and chosen working depth.



Work only in a straight line and never turn the machine when in the soil

Respect the following working depths:

- Stubble-breaking from 3 to 4 cm.

Before beginning work verify the following list:

- Are the working parts in good condition and fixed correctly?
- Is there enough ballast on the front of the tractor to lift the DISC-O-MULCH?
- During use verify that the DISC-O-MULCH is correctly coupled and perfectly horizontal when working, in the longitudinal and transversal sense.
- If required, consult your tractor's manual to study all safety aspects and adjustments for raising the tractor in order to optimize the use of your material.
- The correct use of the DISC-O-MULCH optimizes and ensures a good establishment of your crop. AGRISEM INTERNATIONAL can not be held responsible for soil degradation or a result which is not up to your expectations. The user must make his own decisions and assume the risks taken should his machine be used incorrectly or inappropriately.



The Disc-O-Mulch equipped with absorbing arms can only work in easy soil without any form of obstacle

DS750/1000 PNEUMATIC SEED-DRILLS

2.1. Technical characteristics



Working width:	3m or 4m
Hopper volume:	750L
Extension volume:	250L
Distribution heads:	2 x 16 outlets
Number of rows:	24 (3m) - 32 (4m)
Distribution:	Inox
Small seed capacity:	0 – 30,3cm ³
Large seed capacity:	0 – 595,7cm ³
Speed ratio:	r = 1/2 ou r = 2
Turbine:	Hydraulic

2.2. Turbine start-up operation

2.2.1. Connect the 3 hoses

Connect the 2 large-hose couplings to one of the tractor's distributors (**see: *Picture No 1***).



Picture No 1

Verify what type of coupler is present on the tractor's hydraulic reservoir return line (screw-on coupler, valve-mechanism coupler ...) (**see: *Picture No 2***).



Picture No 2

Using an adaptor, connect the valve-mechanism coupler of the turbine motor's drain (*small hose*) to the tractor's hydraulic reservoir's return line valve (**see: *Picture No 3***).



Picture No 3

Connect the valve-mechanism coupler of the turbine motor's drain (small hose) to the adaptor on the tractor's hydraulic reservoir's return line (**see: *Picture N°4***).

BEWARE: the turbine motor's drain **MUST** be connected before any start-up operation.



Picture No 4

2.2.2. Adjustment of pump type

If your tractor is equipped with a variable delivery hydraulic pump, turn off the red tap situated on the turbine control block. In order to do this, turn the tap clockwise. The central indicator must be completely depressed (**see: *Picture N°5***).



Picture No 5

If your tractor is equipped with a fixed delivery hydraulic pump, turn on the red tap situated on the turbine control block. In order to do this, turn the tap anti-clockwise. The central indicator must be out completely (**see: *Picture N°6***).



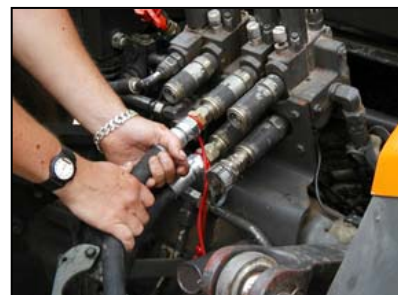
Picture No 6

2.2.3. Start-up operation for the turbine motor

Action the tractor distributor in its permanently open position. The turbine should work.

If not, inverse the motor's two supply hoses at the level of the tractor distributor (**see: *Picture No 7***).

Once again action the tractor distributor in its permanently open position. The turbine should, now, work.

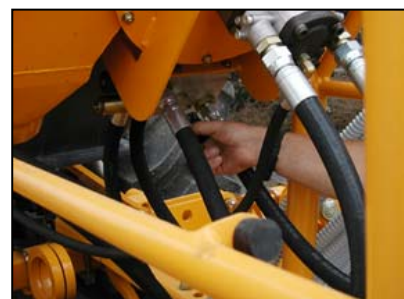


Picture No 7

2.2.4. Adjustment of the turbine motor speed

Action the graduated delivery limiter situated on the turbine control block in order to vary the speed of rotation of the turbine (**see: *Picture No 8***).

BEWARE: you **CANNOT** move the delivery limiter when the motor is running.



Picture No 8

2.3. Hopper

The hopper is easily accessible by the gangway equipped with a retractable step, situated at the rear of the DISC-O-SEM. It is closed with a lid held in place by 2 rubber clamps (**see: *Picture N°9***).



Picture No 9: Gangway

2.3.1. Filling the hopper

Before filling the hopper, make sure that the 2 emptying traps (**see: *Picture No 10***), on the distribution implement, are closed correctly.

In order to facilitate further adjustment of delivery, it is advisable to also close the 2 traps that block the distribution supply tube (**see: *Picture No 10***).

Likewise ensure that the filter, found inside the hopper, is perfectly free, in order to facilitate the flow of grain.



Emptying trap Hopper closing trap

Picture N°10: Distribution

The outer port-holes allow you to see the evolution in the level of grain and, thus, estimate the quantity remaining.

2.3.2. Emptying the hopper

To empty the hopper, place a recipient under the 2 emptying spouts. Progressively open the 2 emptying traps, one after the other, in order to increase the rate of flow.

Once the hopper is empty, withdraw any grains left in the distributor, with the help of a paint brush or a similar tool, then close the traps.



Do NOT use high-pressure tools to clean the inside of the distributor



After each use, systematically empty and clean the hopper and the fluted feed drills, then stock the machine in a sheltered place.

2.4. Distribution

2.4.1. Descriptif

Each hopper has a volumetric distribution system, consisting of 2 identical distribution canals (**see: *Picture N°11***). The dose modulation is carried out by the lateral movement of the fluted feed drills, actioned by a crank. This section of fluted feed drills consists of, asymmetrically:

- 2 large fluted (largegrains),
- 2 small fluted (small grains),
- 2 dosing cylinders.



Picture N°11: Volumetric distribution

The rotation of the crank combined with an indicator, allows the user ,with the graduated scale (mm), to visualize the length of the fluted feed drill being used .

The graduated scale has two zones:

- positive : large fluted delivery (of between 0 and 96mm)
 - negative : small fluted delivery (of between 0 and -16mm)
- ☞ The value 0 corresponds to the position at which there is no delivery (neutral).



All reduction of delivery: large or small fluted, must be preceded by the emptying of the distributor. If this is not carried out , you will be taking a great risk .

A removable box situated on the side of the distributor provides a 2 speed ratio (**see: Picture No 12 and No 13**).



Picture No 12: Large delivery ratio



Picture No 13: Small delivery ratio

To change from one speed ratio to another, just pull out the 2 beta lynch pins, slide the box towards the outside, then reposition it, being careful as regards the 2 axes.

☞ . For security reasons, the 2 fluted lynch pins which allow the positioning of the box as regards the 2 axes, are of a size that will resist normal torque transmission .If the effort required is too large, one of the lynch pins will shear.

2.4.2. Adjustment of grain delivery

Depending on the type of grain used, the width to be worked, and the density of seeding desired (Kg/ha), please consult the following dosage table. This will allow you to decide the speed ratio necessary and where on the scale (mm) you should position yourself.

Dosage table (kg/Ha) for working width of 3m and 4m

Large fluted-feed drills	Semence Semilla Seme Seed Saatgut	Blé Trigo Grano Corn Getreide		Seigle Centeno Segala Rye Roggen		Orge Cebada Orzo Barlez Gerste		Avoine Avena Avena Oats Hafer		Pois - Soja Arveja - Soja Piselli - Soia Peas - Soya Erbsen - Soja		Graminée Graminea Forragio Grass Futteranbau	
	Delivery	Grand débit											
		3m	4m	3m	4m	3m	4m	3m	4m	3m	4m	3m	4m
	6	29,2	21,9	28,0	21,0	25,8	19,3	19,0	14,2	30,7	23,0	13,6	10,2
	10	48,6	36,5	46,7	35,1	43,0	32,2	31,6	23,7	51,2	38,4	22,7	17,1
	14	68,1	51,1	65,4	49,1	60,1	45,1	44,2	33,2	71,6	53,7	31,8	23,9
	18	87,6	65,7	84,1	63,1	77,3	58,0	56,9	42,6	92,1	69,1	40,9	30,7
	22	107,0	80,3	102,8	77,1	94,5	70,9	69,5	52,1	112,6	84,4		
	26	126,5	94,9	121,5	91,2	111,7	83,8	82,1	61,6	133,0	99,8		
	30	145,9	109,4	140,2	105,2	128,9	96,7	94,8	71,1	153,5	115,1		
	34	165,4	124,0	158,9	119,2	146,1	109,5	107,4	80,5	174,0	130,5		
	38	184,8	138,6	177,6	133,2	163,2	122,4	120,0	90,0	194,4	145,8		
	42	204,3	153,2	196,3	147,3	180,4	135,3	132,7	99,5	214,9	161,2		
	46	223,8	167,8	215,0	161,3	197,6	148,2	145,3	109,0	235,4	176,5		
	50	243,2	182,4	233,7	175,3	214,8	161,1	157,9	118,4	255,9	191,9		
	54	262,7	197,0	252,4	189,3	232,0	174,0	170,6	127,9	276,3	207,2		
	58	282,1	211,6	271,1	203,4	249,2	186,9	183,2	137,4	296,8	222,6		
	62	301,6	226,2	289,8	217,4	266,3	199,8	195,8	146,9	317,3	237,9		
	66		240,8		231,4	283,5	212,6	208,5	156,4	337,7	253,3		
	70		255,4		245,4	300,7	225,5		165,8	358,2	268,6		
	74		270,0		259,5		238,4		175,3	378,7	284,0		
	78		284,6		273,5		251,3		184,8	399,1	299,3		
	82		299,2		287,5		264,2		194,3		314,7		
	86						277,1		203,7		330,0		
90						290,0				345,4			
94						302,9				360,8			
96										368,4			

Small fluted feed drills	Semence Semilla Seme Seed Saatgut	Colza Colza Colza Colza Raps				Trèfle Trebol Trifoglio Clover Rotklee				Luzerne Alfalfa Alflafa Lucrene Pfriemenfgraf			
	Delivery	Low delivery rate		High delivery rate		Low delivery rate		High delivery rate		Low delivery rate		High delivery rate	
		3m	4m	3m	4m	3m	4m	3m	4m	3m	4m	3m	4m
	-2	1,2	0,9	2,51	1,88	1,5	1,1	2,97	2,23	0,7	0,6	1,50	1,13
	-4	2,5	1,9	5,02	3,76	3,0	2,2	5,94	4,46	1,5	1,1	3,01	2,26
	-6	3,7	2,8	7,52	5,64	4,4	3,3	8,91	6,69	2,2	1,7	4,51	3,39
	-8	5,0	3,7	10,03	7,52	5,9	4,4	11,88	8,91	3,0	2,2	6,02	4,51
	-10	6,2	4,7	12,54	9,41	7,4	5,6	14,86	11,14	3,7	2,8	7,52	5,64
	-12	7,5	5,6	15,05	11,29	8,9	6,7	17,83	13,37	4,5	3,4	9,03	6,77
	-14	8,7	6,6	17,56	13,17	10,4	7,8	20,80	15,60	5,2	3,9	10,53	7,90
-16	10,0	7,5	20,07	15,05	11,8	8,9	23,77	17,83	6,0	4,5	12,04	9,03	

The following table allows you, depending on the width worked, to know the number of rotations of the land-wheel necessary in order to cover the area of 1 hectare.

<i>Width to be worked</i>	<i>3m</i>	<i>4m</i>
No. of crank rotations / ha	1414,7	1061

☞ In order to find the desired delivery rate, it is advisable to do several trials before moving-off.

2.4.3. Verification of grain delivery rate

☞ Before every use makes sure that the inside of the different fluted feed drills is completely clean. If they are not, the delivery rate trials will give incorrect results.

☞ Likewise make sure that the inside of the distributor is completely free of grain before any movement of the section of fluted feed drills.

After having carried out all the necessary adjustments:

- 1- Place the box on the chosen speed ratio
- 2- Adjust delivery depending on the desired density;
- 3- Place a recipient for the calibration ,pre-weighed, under the filling traps of each of the 2 distribution canals (**see Picture N°14**),
- 4- Open the 2 filling traps of each of the 2 distribution canals, by tipping them backwards ,
- 5- Define the percentage of surface to be simulated
- 6- Rotate the wheel the number of times that correspond
- 7- Weigh the grain in the recipient
- 8- Calculate the weight necessary for a hectare
- 9- Compare the result obtained with that of the table.



Picture N°14: filling traps

There are two possibilities:

- ☞ The weight obtained corresponds to that expected
 - close the 2 filling traps of each of the 2 distribution canals .The trial is over.
- ☞ The weight obtained is different to that expected:
 - known: weight desiredMS
 - Weight measured:.....MM
 - Position of indicator at start (mm):.....PCD

it is possible to improve the position of the indicator by using the following calculation:
Desired indicator position (mm) : PCS = (MS x PCD)/MM

2 possibilities

- ☞ PCS >> PCD :
 - Move the indicator to its new position,
 - Renew steps 6 to 9 .

☞ PCS << PCD:

The difference P C D – PCS ≤ 5mm

- Move the indicator to its new position,
- Renew steps 6 – 9.

otherwise:



- Empty the distributor, by closing the 2 traps that block the tube which supplies the distributor (see paragraph: §1.2.2.).
- Move the indicator to its new position,
- Renew steps 6 to 9.

2.5. **LAND WHEEL**

For safety reasons and those of the Highway Code, this equipment is retractable, thus allowing the rapid passage from transport position to working position.

Change from transport position to working position (See: **Picture No 15**):

- 1- Lift the land wheel until the wheel arm is approximately horizontal (position where the cursor is off the scale).
- 2- Once this position reached, with a light shake, pull the wheel towards the exterior of the machine, just until the cursor is facing the scale
- 3- Put the wheel back on the ground
- 4- With the help of the tractor lifting device, lift the machine to about 15 cm above the soil
- 5- Then attach the free extremity of the land wheel release spring to the DISC-O-SEM chassis.

Change from working position to transport position (See: **Picture No15**):

- 1- With the help of the tractor lifting device, lift the machine to about 15cm above the soil;
- 2- Detach the extremity of the spring attached to the DISC-O-SEM chassis;
- 3- Lift the land wheel until the wheel arm is approximately horizontal (position where the cursor is off the scale);
- 4- Once in this position, with a light shake, push the wheel towards the interior, just until the cursor is facing the scale;
- 5- Then put the wheel down onto the DISC-O-SEM chassis.



If your seed-drill is installed on a foldable DISC-O-MULCH, don't forget to uncouple the distribution joint and to position it onto your support before folding the tool for transport



Each season before using your DS750/1000 SEED-DRILL, it is advisable to check the different tensions of the chains that go from the land-wheel to the distribution system. Adjustment devices are integrated into the machine for this purpose.

Don't forget to oil the bearing of the axle shaft and the transmission chains.

2.6. Distribution heads

Each distribution head supplies 16 seeding-tubes spread-out over the seeding ramp of the DS1500/2000 SEED-DRILL.

Depending on the width worked, 4 return-tubes are present in order to recuperate the grain destined for the outlets which are not being used.

In addition, a conical plug screw allows, by simple unscrewing, access to the inside of the distribution head. (see: **Picture No 16**).



Picture No 16: Distribution head

✋ Each season before using your DS1500/2000 SEED-DRILL, it is advisable to clean and “blow” through each distribution head outlet.

2.7. Turbine

2.7.1. Hydraulic connections

The oil flow from the tractor must be of at least 60L/min. Less than this and the rotation speed of the turbine could be insufficient, especially for sowing large grains.

Maximum pressure: 200 bars

2.7.2. Adjustment of the turbine system

A delivery metering device coupled with a hydraulic motor allows you to adjust the internal pressure in the distribution tubes. The pressure gauge on the hopper (tractor side), helps determine this pressure.

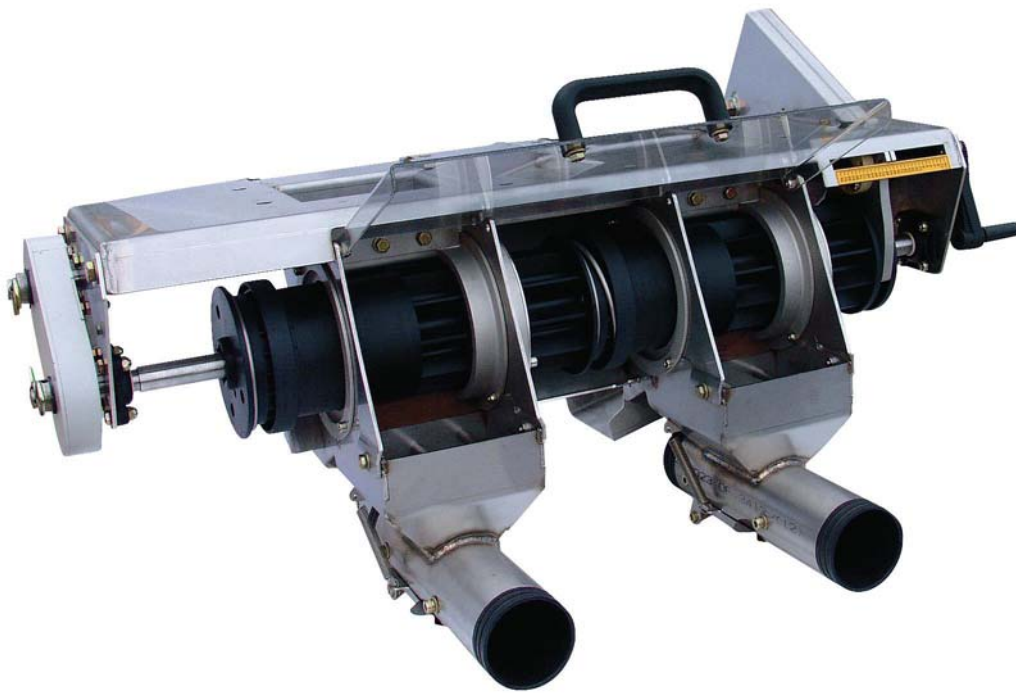
✋ The turbine system must be adjusted in accordance to the type of grain you wish to sow and the width to be worked. An example:
See: following table:

<i>Width worked</i>	3m	4m
Small grains:	40mbar	50mbar
Large grains:	60mbar	70mbar

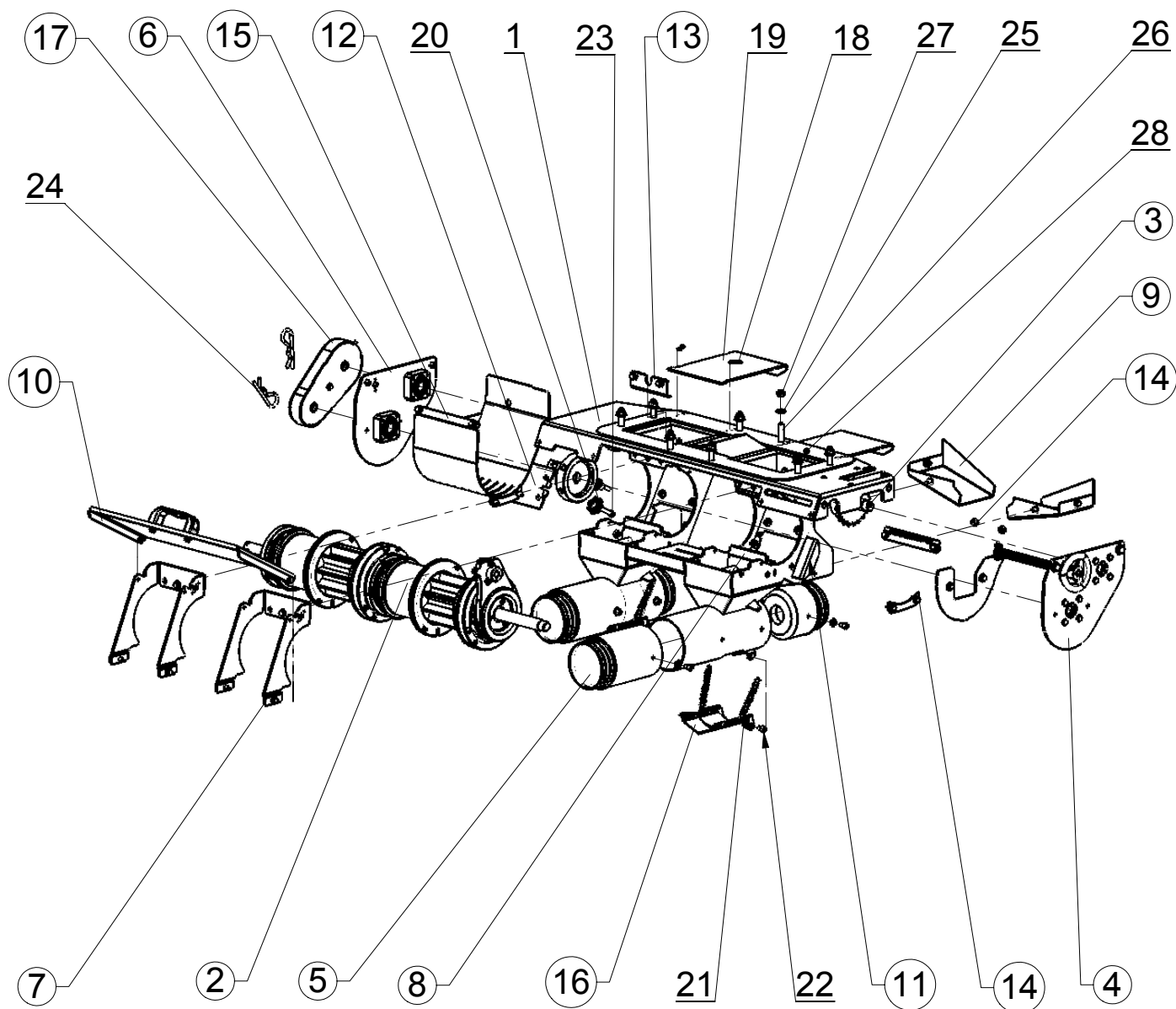
2.8. Verification before sowing

- 1- Make sure that the rotation of the land-wheel generates grain delivery from each outlet on the DISC-O-SEM seeding ramp.
- 2- Verify that all the pneumatic hoses are correctly fixed, upstream and downstream of the distribution.
- 3- Verify the correct connection of the turbine's hydraulic hoses to the tractor distributor .

DISTRIBUTION SPARE PARTS



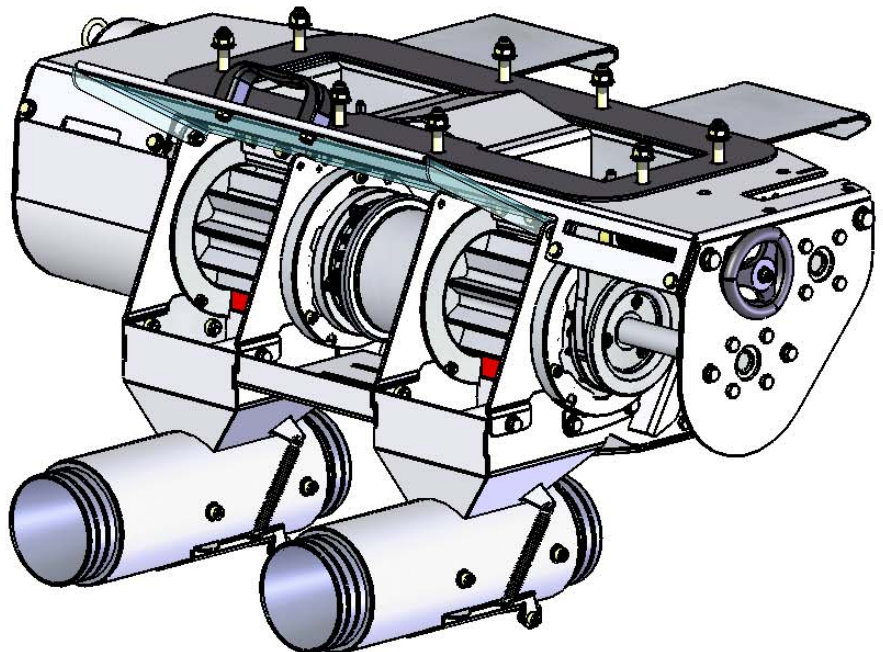
VOLUMETRIC DISTRIBUTION OF LARGE AND SMALL SEEDS

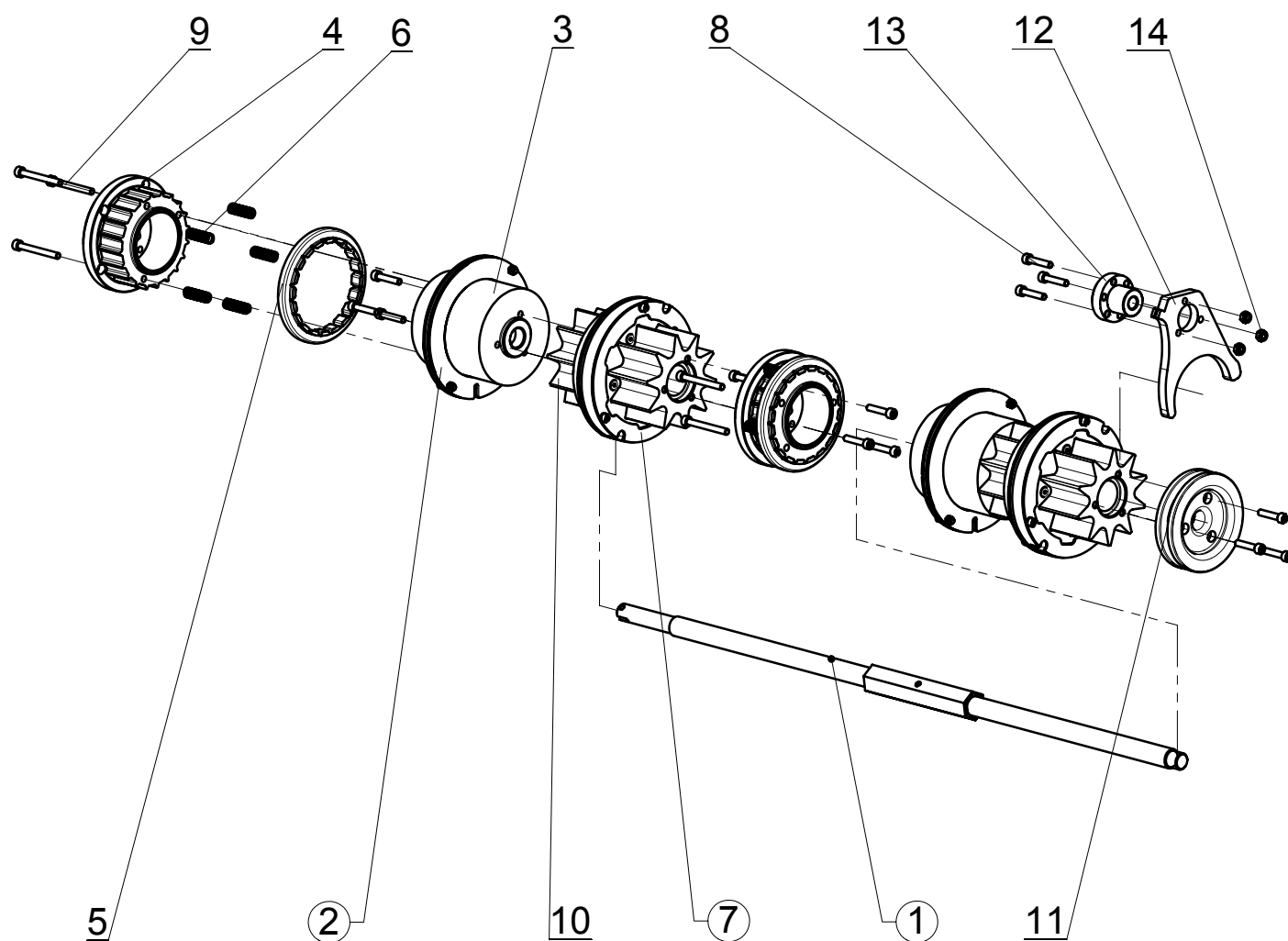


Distribution - Ø90

Reference : SEM01-26-010

					Weight : 37.77 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-520	Distribution main part - Ø90	1	11.69	
2	SEM01-27-001	Fluted feed drill section kit	1	7.56	
3	SEM01-27-005	Stirrer kit	1	2.76	
4	SEM01-27-030	Fluted feed drill section command kit	1	1.29	
5	SEM01-26-014	Venturi nozzle kit - Ø90	2	1.06	
6	SEM01-27-031	Fluted feed drill section rotation guide kit	1	1.04	
7	SEM01-26-002	Fluted feed drill section closure kit	2	0.49	
8	SEM01-27-035	Sealed flap kit	2	0.00	
9	SEM01-26-003	Spout kit	1	0.58	
10	SEM01-21-015	Distribution casing kit	1	2.07	
11	SEM01-26-007	Emptying trap kit	1	0.25	
12	SEM01-26-007	Emptying trap kit	1	0.00	
13	SEM01-26-005	Sealing selector kit	2	0.08	
14	SEM01-21-020	Righthand fluted feed drill casing kit	1	1.00	
15	SEM01-21-021	Lefthand fluted feed drill casing kit	1	1.03	
16	SEM01-26-016	Dosing trap kit - Ø90	2	0.21	
17	SEM01-27-025	Box r=12/17	1	1.46	
18	SEM01-25-601	Blocking trap spring	4	0.0008	
19	SEM01-26-630	Hopper blocker draw	2	0.53	
20	PESR6	Star handle for rapid tightening M6	2	0.04	
21	EN6	Nylstop Nut M6 - 8 - bichromated yellow	6	0.003	
22	VCHC6-010-FT	Screw CHc - M6 x 10 - 8.8 - bichromated yellow	4	0.01	
23	VCHC6-045-FT	Screw CHc - M6 x 45 - 8.8 - bichromated yellow	2	0.01	
24	GB	Beta clips - Ø4x12-22	2	0.02	
25	RDC8	Washer Ø8 - yellow electro zinc	16	0.002	
26	VH8-045	Screw H - M8 x 45 - 8.8 - bichromated yellow	8	0.022	
27	EN8	Nylstop Nut M8 - 8 - bichromated yellow	8	0.006	
28	SEM01-26-700	Sealed joint of distribution	1	0.18	

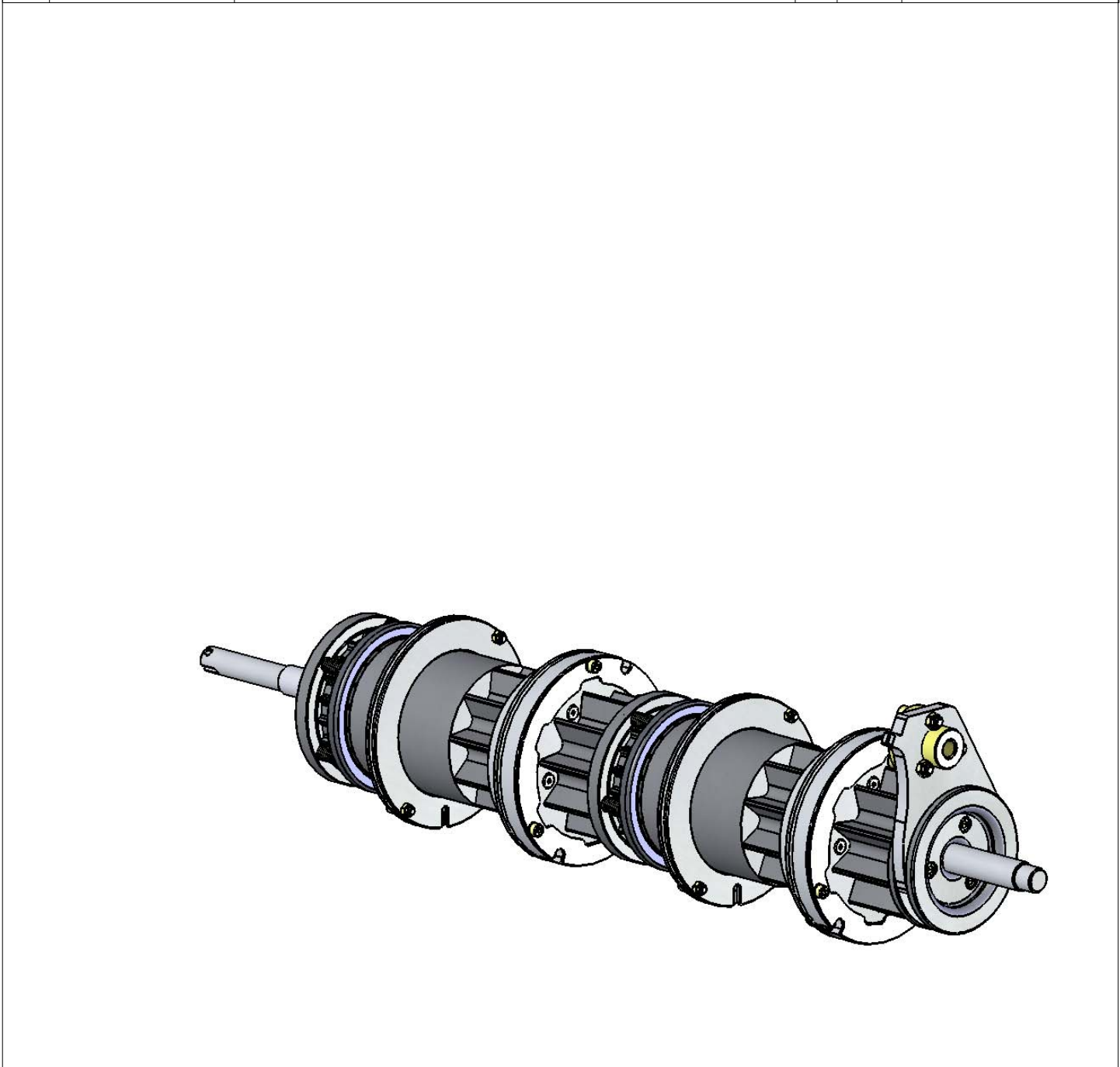


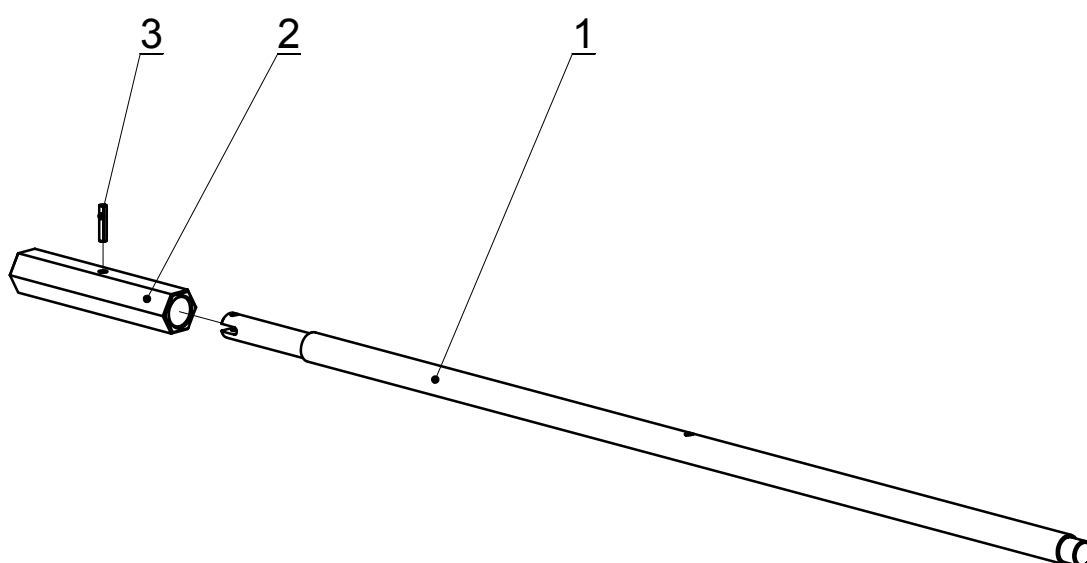


Fluted feed drill section kit

Reference : SEM01-27-001

					Weight : 7.54 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-27-002	Drive shaft kit	1	2.26	
2	SEM01-27-010	Small sluted feed drill sealing kit	2	0.14	
3	SEM01-27-612	Dosing cylinder	2	0.49	
4	SEM01-27-611	Small fluted feed drill	2	0.27	
5	SEM01-27-615	Sealing ring for small fluted feed drill	2	0.04	
6	SEM01-25-606	Compression spring Ø0,8 - Ø10 - 40	10	0.002	
7	SEM01-27-015	Large fluted feed drill sealing kit	2	0.69	
8	VCHC6-030-FT	Screw CHc - M6 x 30 - 8.8 - bichromated yellow	15	0.01	
9	VCHC6-055	Screw CHc - M6 x 55 - 8.8 - bichromated yellow	6	0.02	
10	SEM01-27-610	Large fluted feed drills	2	0.63	
11	SEM01-27-613	Fluted feed drill section bobbin	1	0.15	
12	SEM01-27-620	Fluted feed drill section command fork	1	0.15	
13	WFRM-2835TR14x4	Nut for wedge-screw M14x4	1	0.23	
14	EN6	Nylstop Nut M6 - 8 - bichromated yellow	3	0.003	

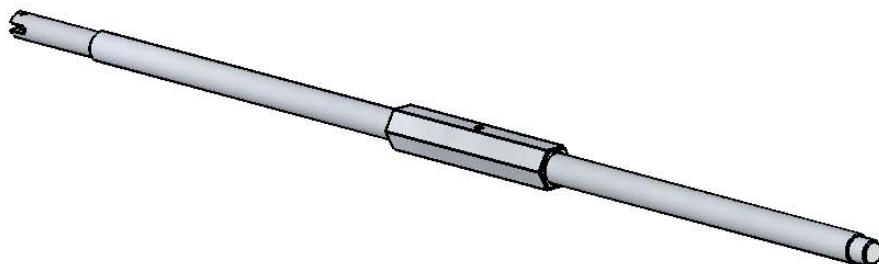


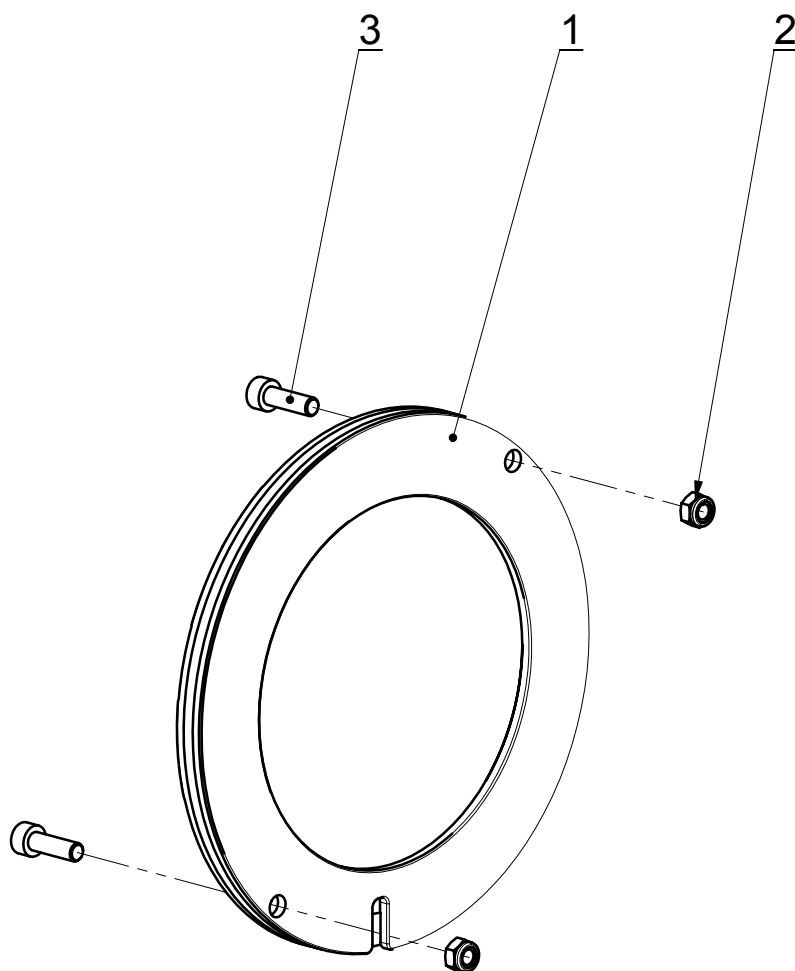


Drive shaft kit

Reference : SEM01-27-002

					Weight : 2.26 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-27-626	Fluted feed drill drive shaft	1	1.89	
2	SEM01-27-627	Fluted feed drill hexagonal drive system	1	0.36	
3	GCC5-24	Fluted cylindric pin Ø5x24	1	0.00	

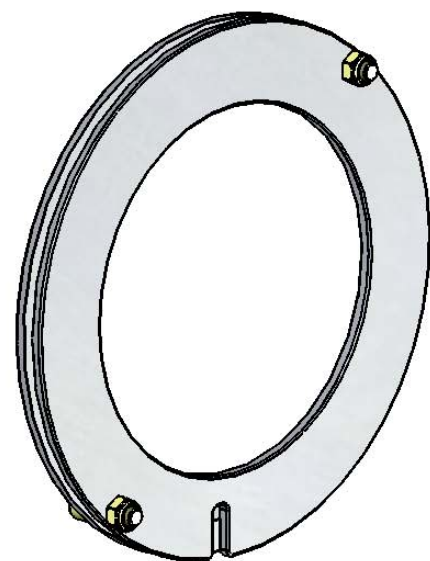


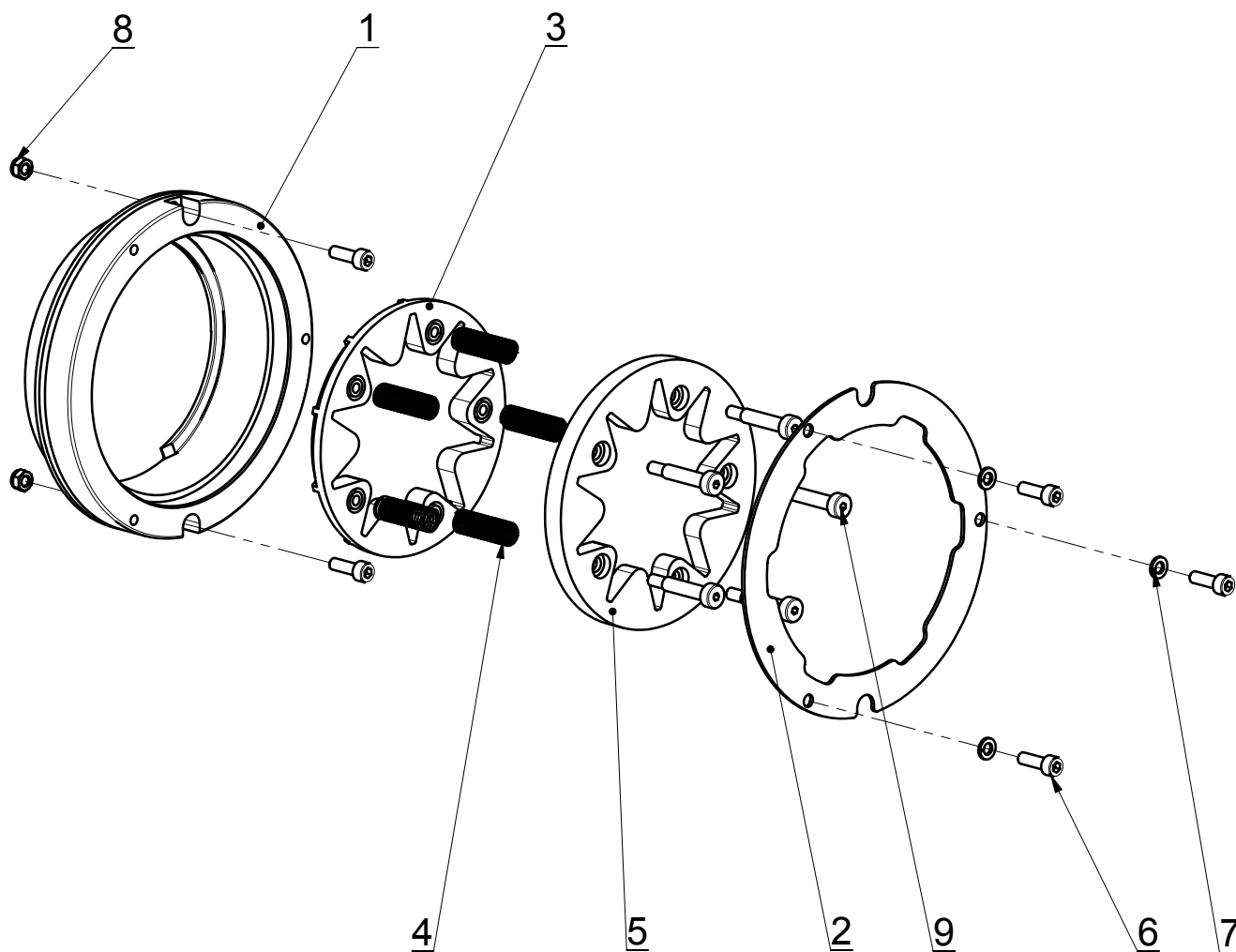


Small sluted feed drill sealing kit

Reference : SEM01-27-010

					Weight : 0.14 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-27-601	Small fluted feed drill sealing seat	1	0.13	
2	EN5	Nylstop Nut M5 - 8 - bichromated yellow	2	0.001	
3	VCHC5-016-FT	Screw CHc - M5 x 16 - 8.8 - bichromated yellow	2	0.00	

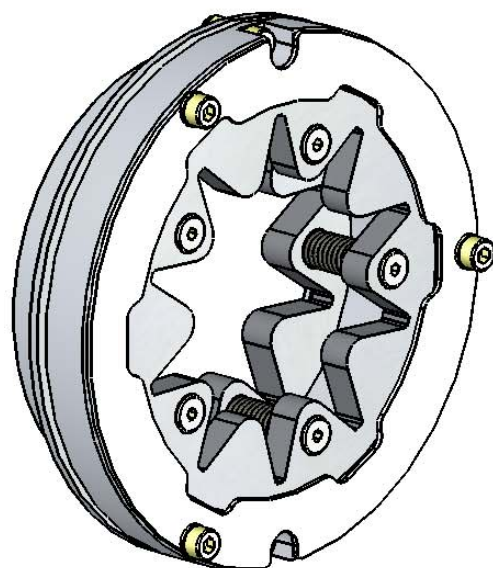


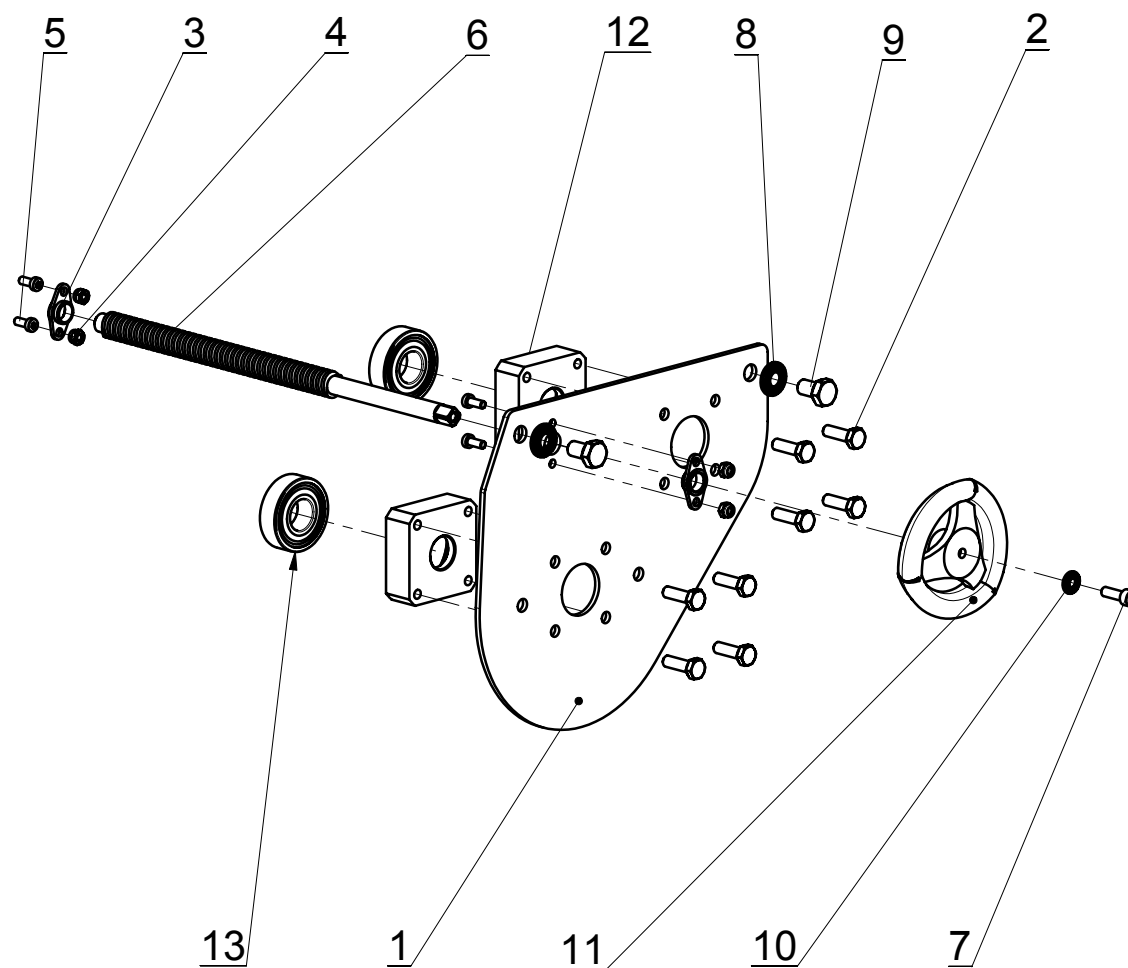


Large fluted feed drill sealing kit

Reference : SEM01-27-015

					Weight : 0.67 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-27-605	Large fluted feed drill sealing seat	1	0.41	
2	SEM01-27-607	Fluted feed drill sealing thrust bearing kit	1	0.08	
3	SEM01-27-606	Sealing ring for large fluted feed drill	1	0.04	
4	SEM01-25-606	Compression spring Ø0,8 - Ø10 - 40	5	0.002	
5	SEM01-27-608	Second sealing ring for large fluted feed drill	1	0.06	
6	VCHC5-016-FT	Screw CHc - M5 x 16 - 8.8 - bichromated yellow	5	0.00	
7	RE5	Washer Ø5 - elastic bichromated yellow	3	0.000	
8	EN5	Nylstop Nut M5 - 8 - bichromated yellow	2	0.001	
9	VCCH5-025	Screw CCHc M5 - Ø6 x 25 - 8.8 - bichromated yellow	5	0.01	

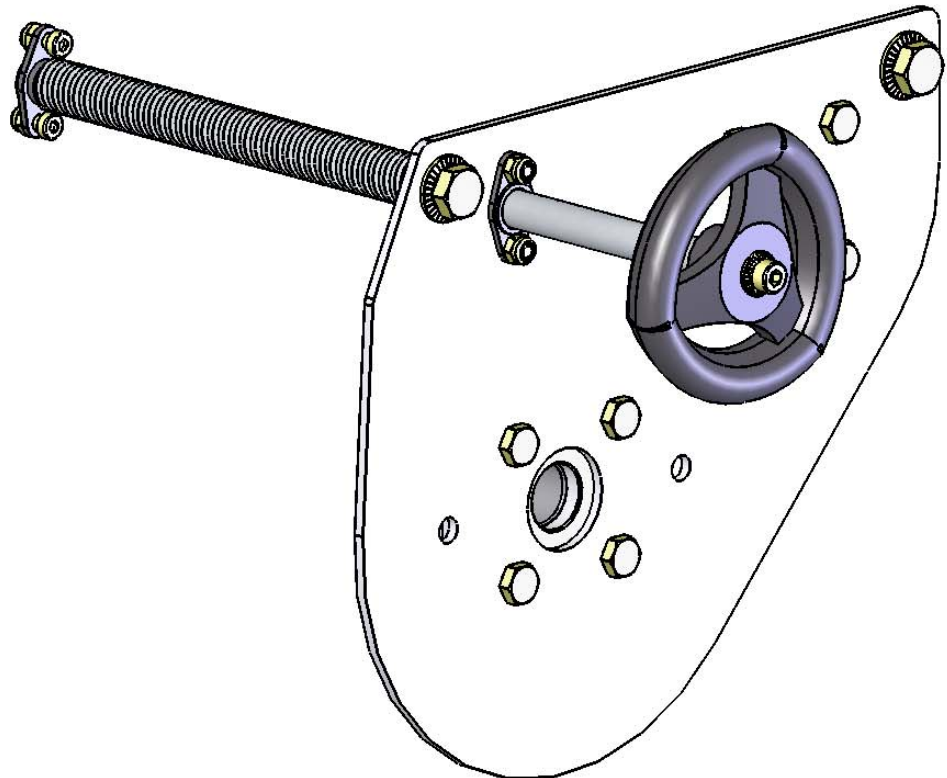


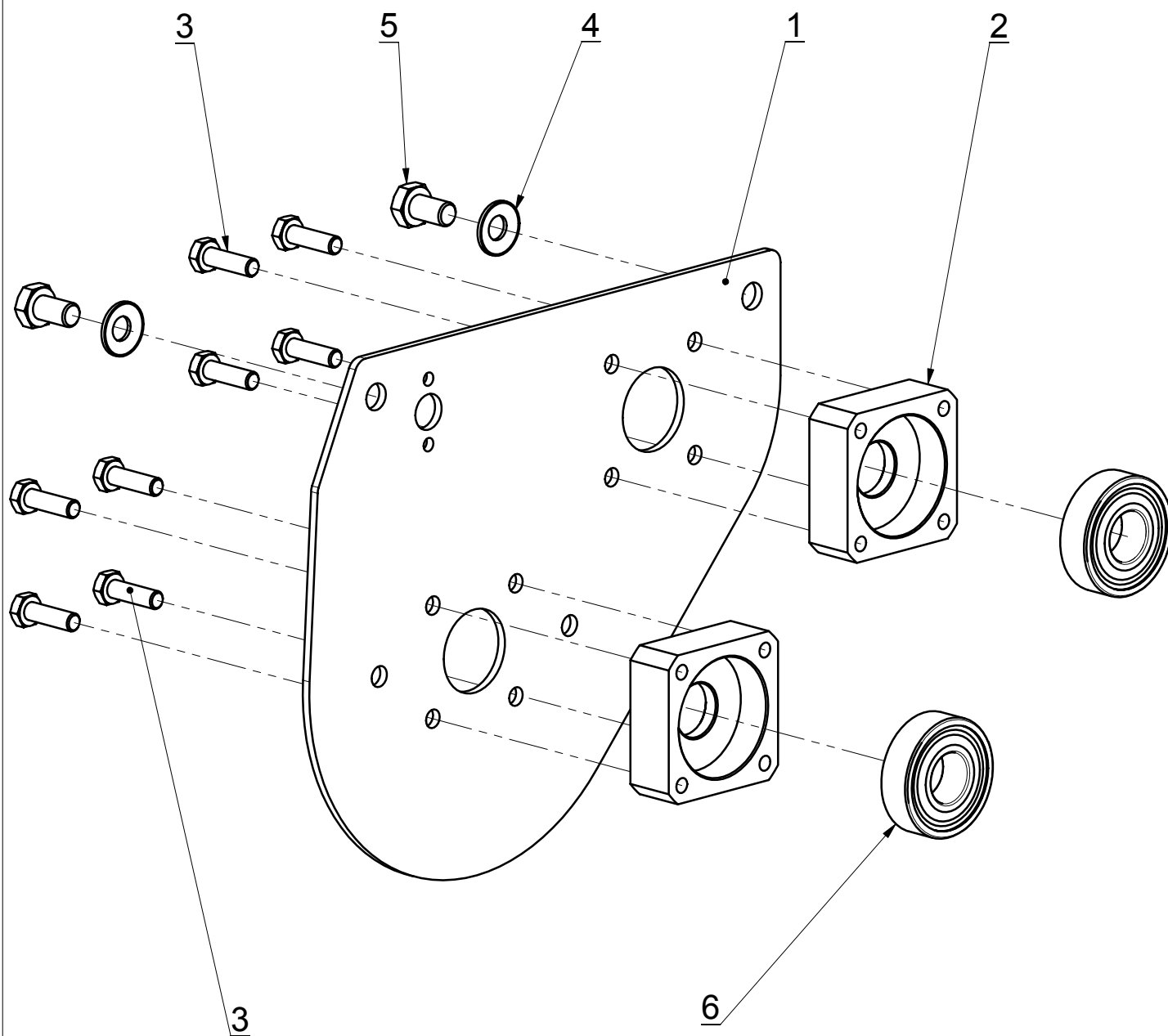


Fluted feed drill section control kit

Reference : SEM05-27-030

					Weight : 1.32 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-635	Distribution transmission flank	1	0.69	
2	VH6-020-FT	Screw H - M6 x 20 - 8.8 - bichromated yellow	8	0.007	
3	GFL-10	Ø10 bearing - 2 holes Ø10	2	0.00	
4	EN4	Nylstop Nut M4 - 8 - bichromated yellow	4	0.001	
5	VCRHC4-010	Screw CHc - M4 x 10 - 8.8 - bichromated yellow	4	0.00	
6	SEM05-27-628	Fluted feed drill command shaft	1	0.21	
7	VCHC5-016-FT	Screw CHc - M5 x 16 - 8.8 - bichromated yellow	1	0.00	
8	RDC8	Washer Ø8 - yellow electro zinc	2	0.002	
9	VH8-014-FT	Screw H - M8 x 14 - 8.8 - bichromated yellow	2	0.012	
10	RDC5	Washer Ø5 - yellow electro zinc	1	0.001	
11	VOL8	Hand-wheel	1	0.04	
12	SEM01-27-636	Bearing Ø17	2	0.07	
13	ROUL-516	Roll-on bearing with joints - 6203 2RS1	2	0.06	

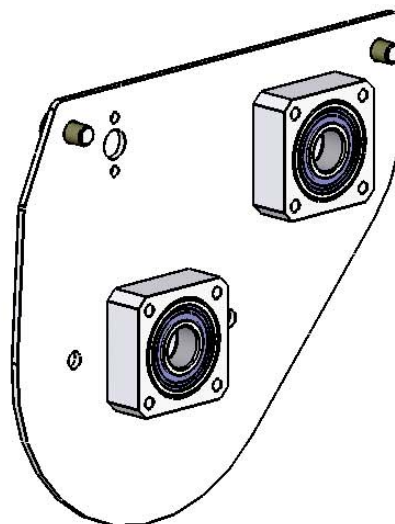


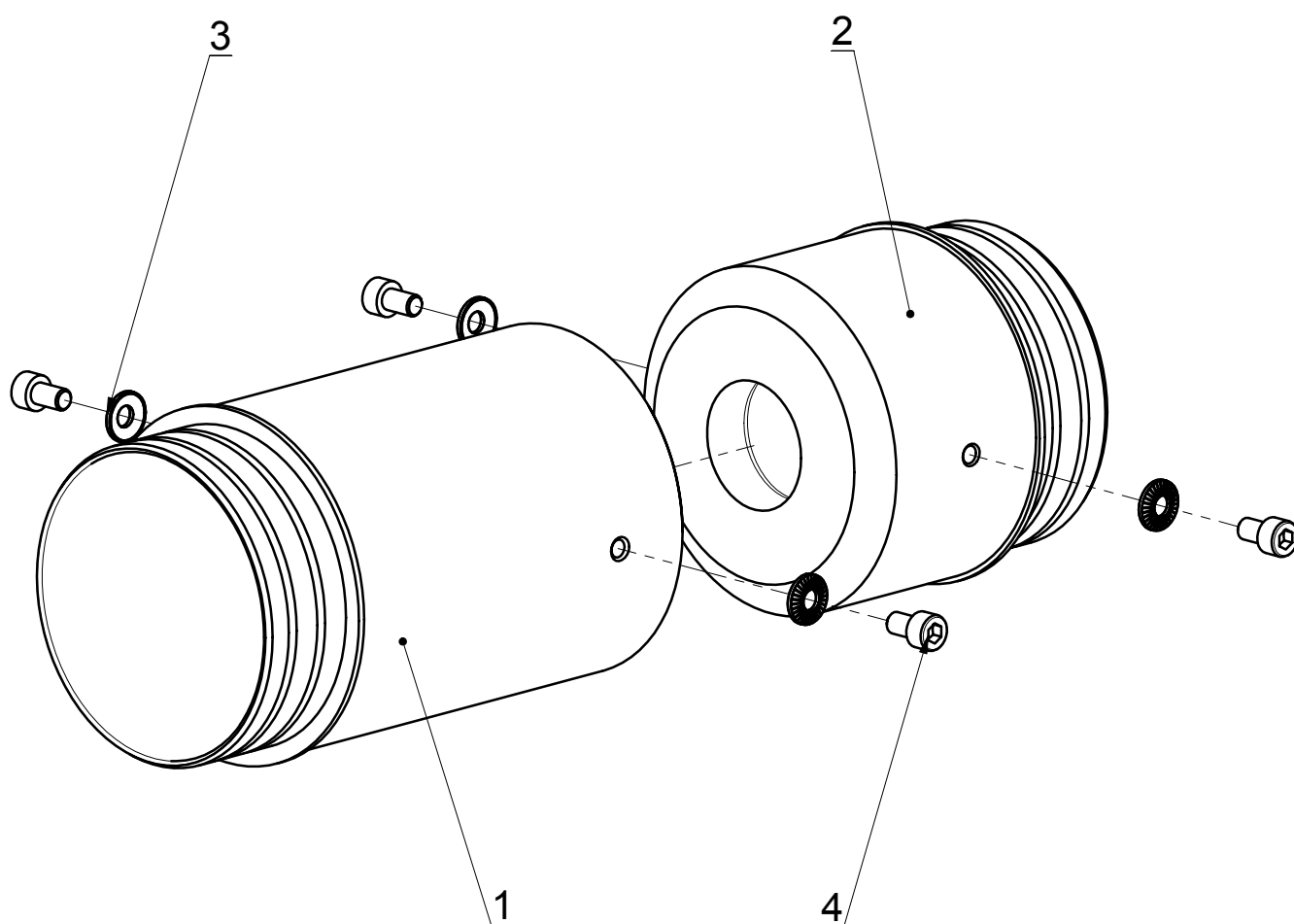


Fluted feed drill section rotation guide kit

Reference : SEM01-27-031

					Weight : 1.04 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-635	Distribution transmission flank	1	0.69	
2	SEM01-27-636	Bearing Ø17	2	0.07	
3	VH6-020-FT	Screw H - M6 x 20 - 8.8 - bichromated yellow	8	0.007	
4	RDC8	Washer Ø8 - yellow electro zinc	2	0.002	
5	VH8-014-FT	Screw H - M8 x 14 - 8.8 - bichromated yellow	2	0.012	
6	ROUL-516	Roll-on bearing with joints - 6203 2RS1	2	0.06	

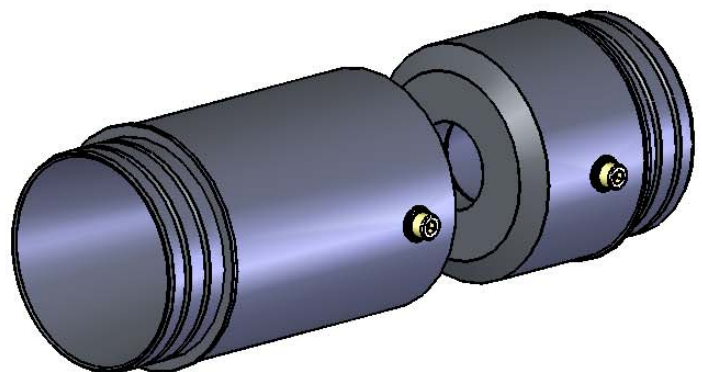


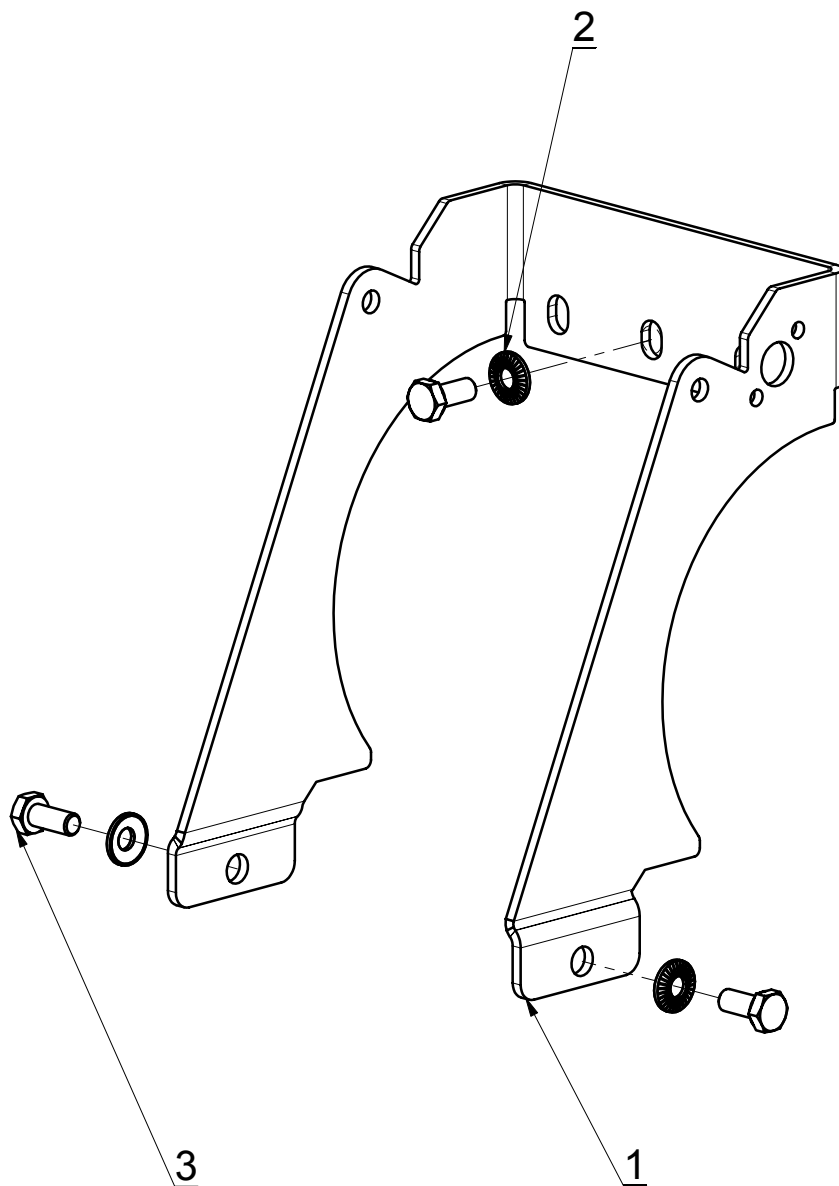


Venturi nozzle kit - Ø90

Reference : SEM01-26-014

					Weight : 1.07 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-665	Venturi nozzle exit cone - Ø90	1	0.60	
2	SEM01-26-666	Venturi nozzle entry cone - Ø90	1	0.44	
3	RDC6	Washer Ø6 - yellow electro zinc	4	0.003	
4	VCHC6-010-FT	Screw CHc - M6 x 10 - 8.8 - bichromated yellow	4	0.01	

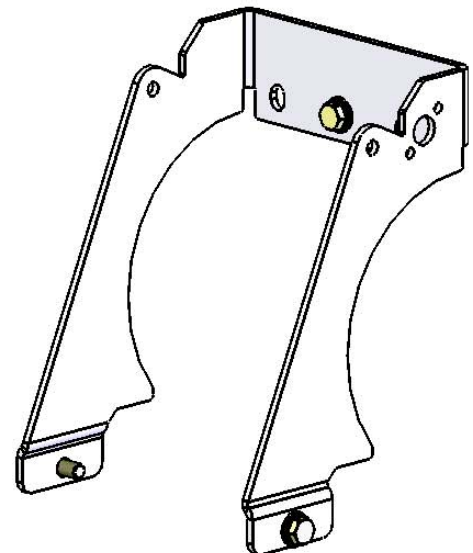


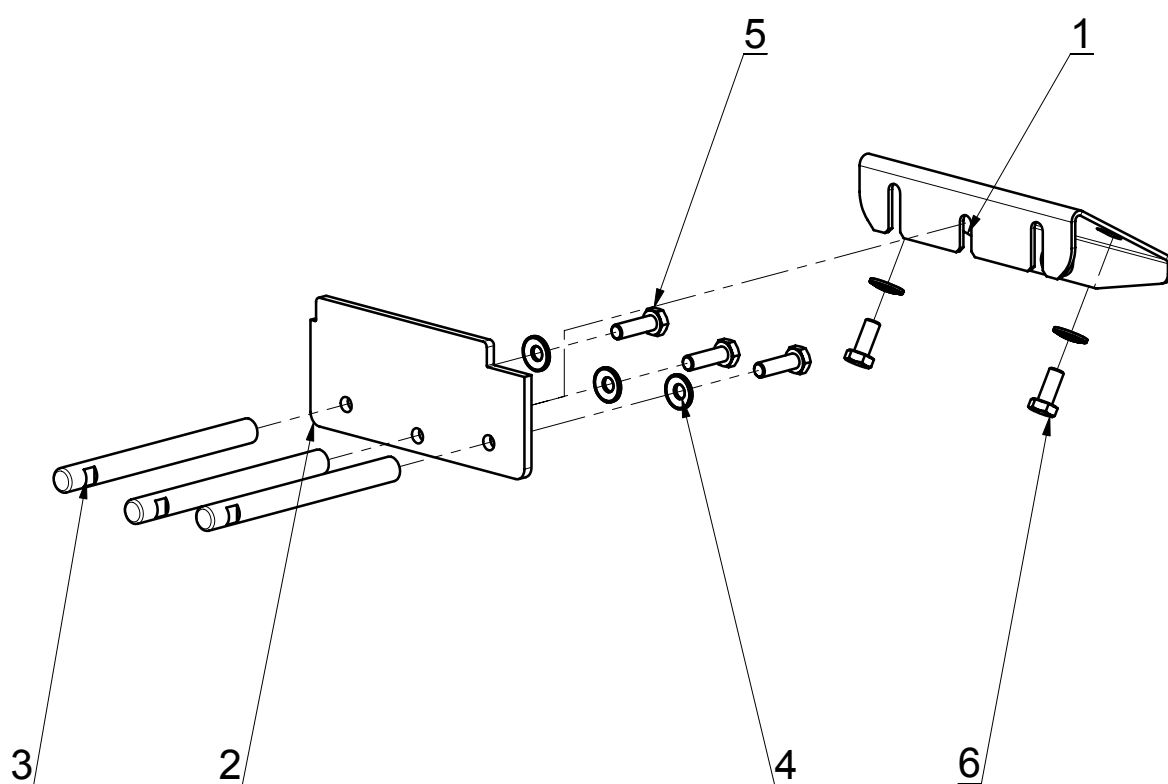


Fluted feed drill section closure kit

Reference : SEM01-26-002

					Weight : 0.50 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-625	Fluted feed drill section closure casing	1	0.47	
2	RDC6	Washer Ø6 - yellow electro zinc	3	0.003	
3	VH6-014-FT	Screw H - M6 x 14 - 8.8 - bichromated yellow	3	0.006	

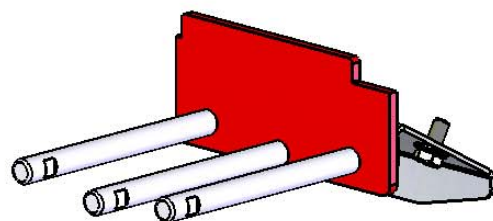


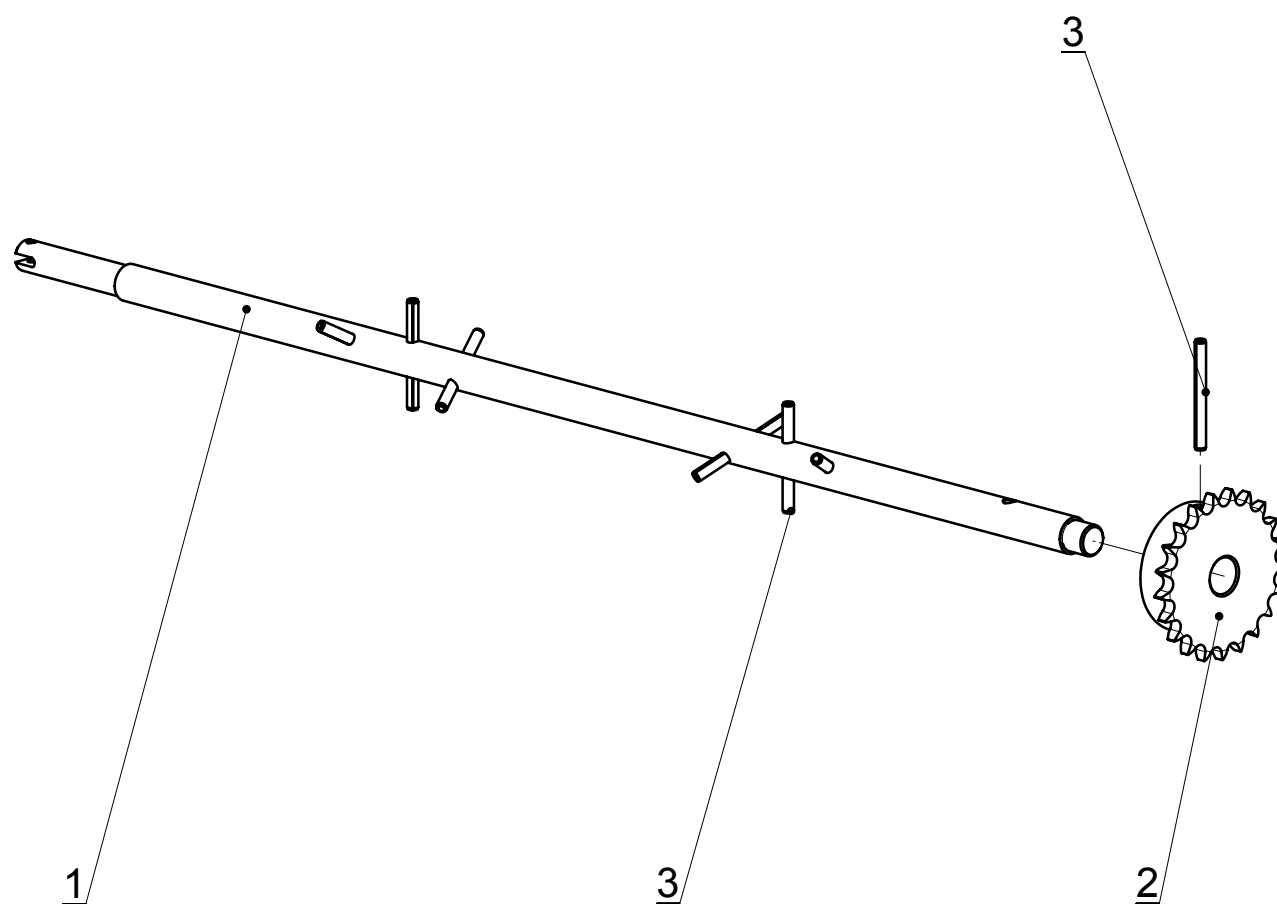


Sealed flap kit

Reference : SEM01-27-035

					Weight : 0.61 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-510	Crimped distribution emptying ramp	1	0.19	
2	SEM01-27-635	Sealing flap	1	0.19	
3	SEM01-26-620	Distribution shaft	3	0.06	
4	RDC6	Washer Ø6 - yellow electro zinc	5	0.003	
5	VH6-020-FT	Screw H - M6 x 20 - 8.8 - bichromated yellow	3	0.007	
6	VH6-014-FT	Screw H - M6 x 14 - 8.8 - bichromated yellow	2	0.006	

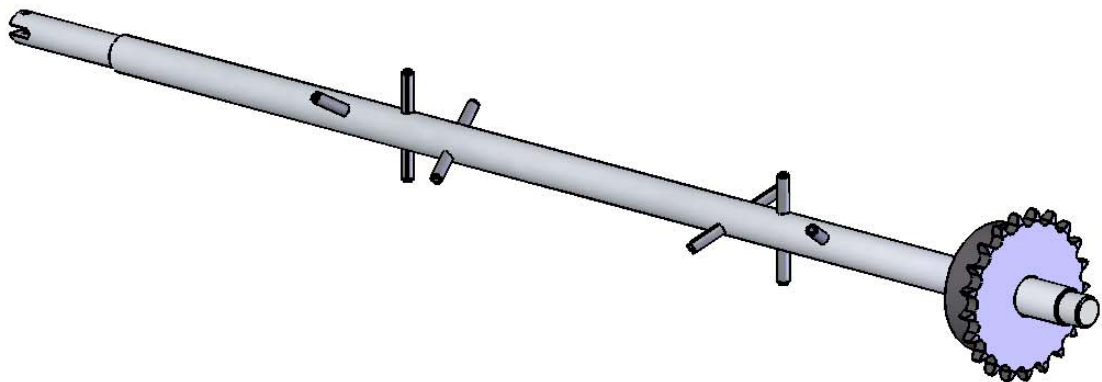


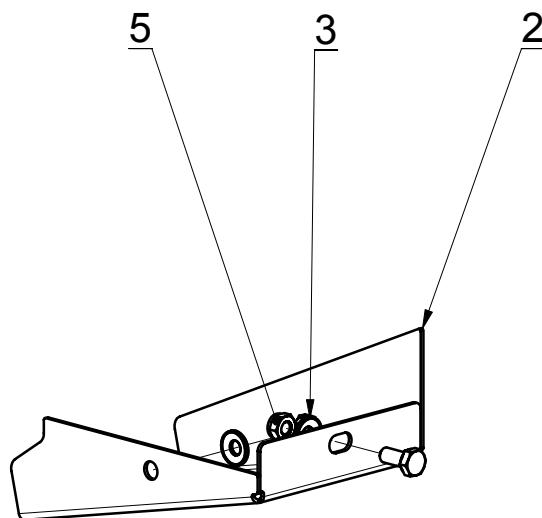
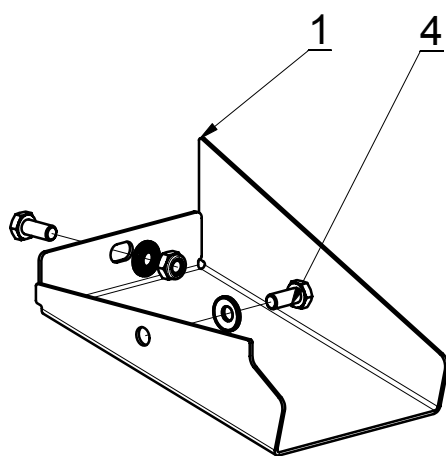


Stirrer kit

Reference : SEM01-27-005

					Weight : 2.76 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-27-625	Stirrer shaft	1	1.86	
2	PIGN12,7-21-1	Pinion 08B1-21 teeth- 12,7- Ø20	1	0.839	
3	GE06-60-INOX	Elastic pin Ø6x60 - stainless-steel	7	0.01	

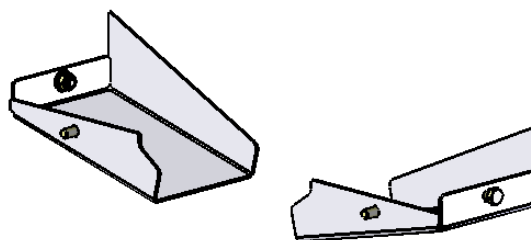


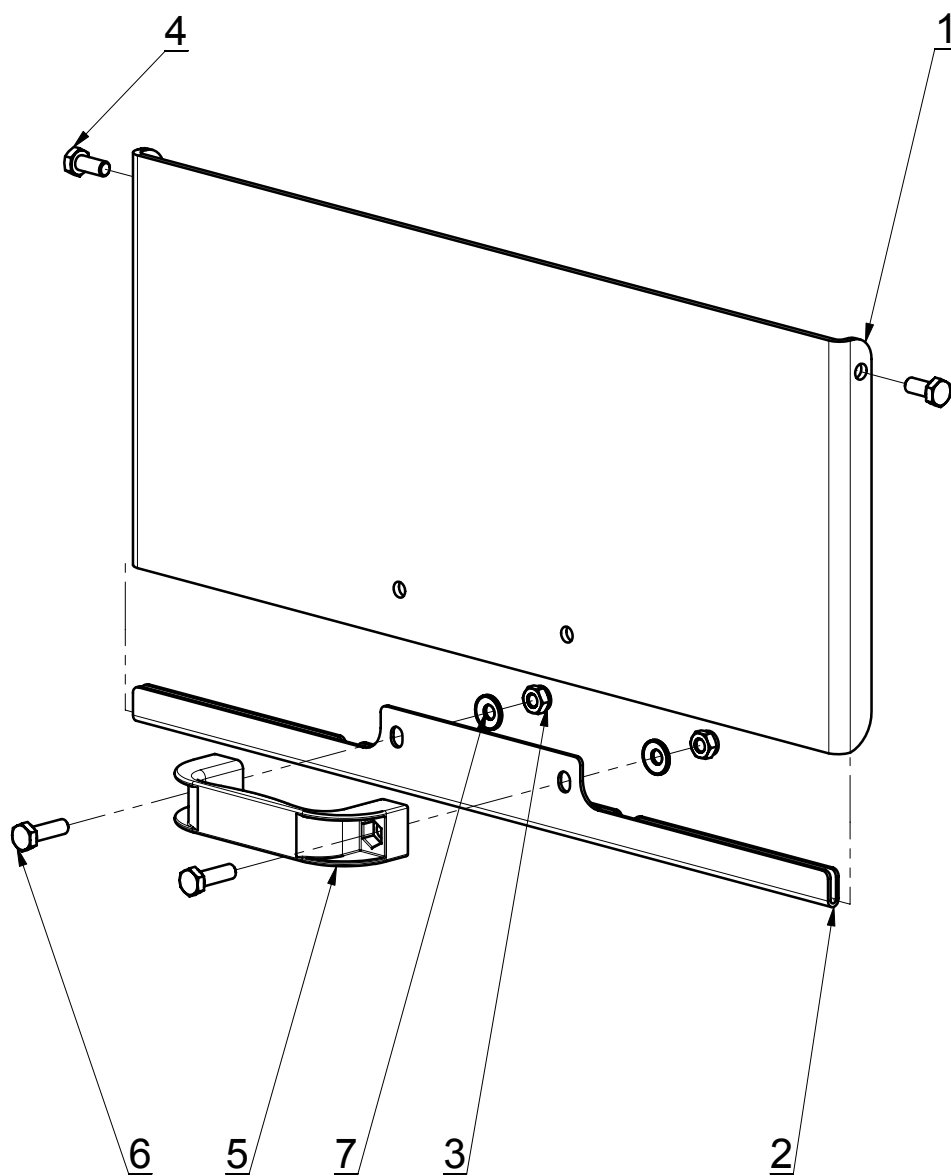


Spout kit

Reference : SEM01-26-003

					Weight : 0.58 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-645	Right-hand delivery spout	1	0.27	
2	SEM01-26-646	Left-hand delivery spout	1	0.27	
3	RDC6	Washer Ø6 - yellow electro zinc	4	0.003	
4	VH6-014-FT	Screw H - M6 x 14 - 8.8 - bichromated yellow	4	0.006	
5	EN6	Nylstop Nut M6 - 8 - bichromated yellow	2	0.003	

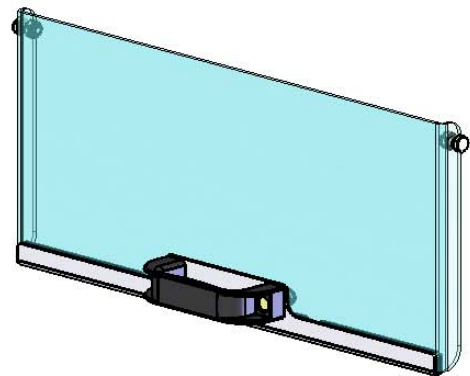


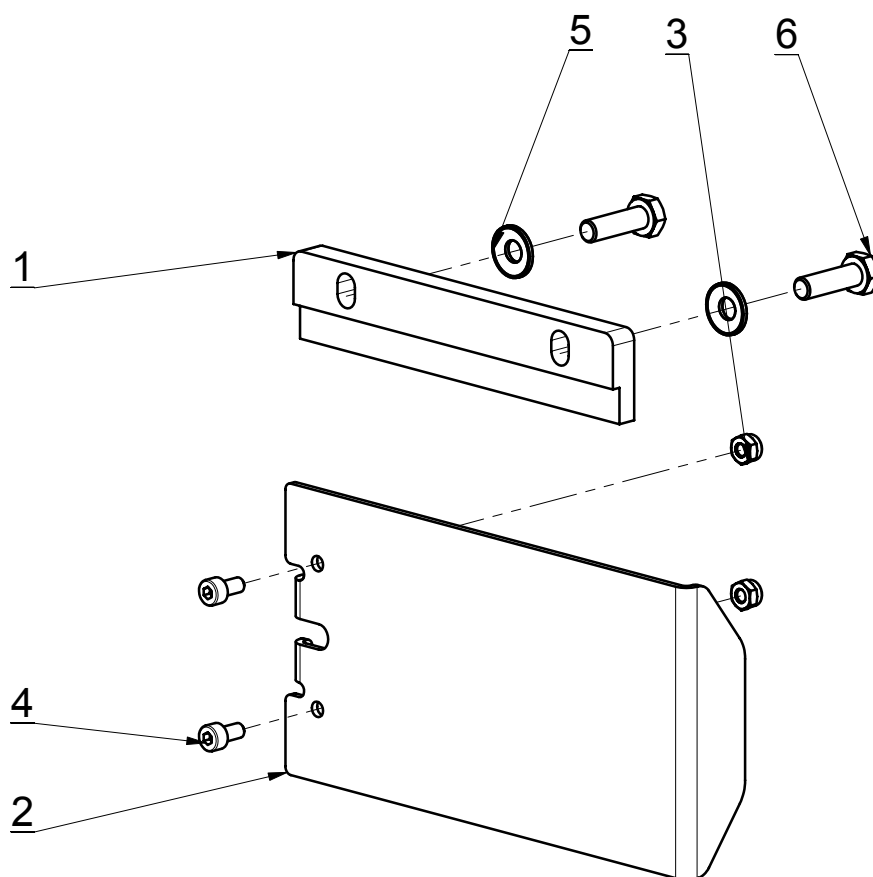


Distribution casing kit

Reference : SEM01-21-015

					Weight : 2.08 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-21-625	Distribution casing	1	1.70	
2	SEM01-21-626	Rigidification selector	1	0.17	
3	EN6	Nylstop Nut M6 - 8 - bichromated yellow	4	0.003	
4	VH6-014-FT	Screw H - M6 x 14 - 8.8 - bichromated yellow	2	0.006	
5	PM6-94	Maintenance handle Ø6-94	1	0.17	
6	VH6-020-FT	Screw H - M6 x 20 - 8.8 - bichromated yellow	2	0.007	
7	RDC6	Washer Ø6 - yellow electro zinc	2	0.003	

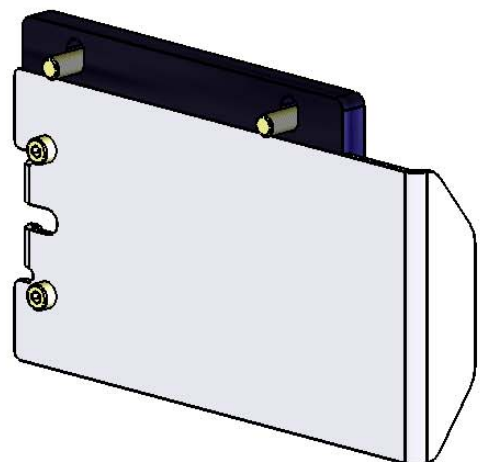


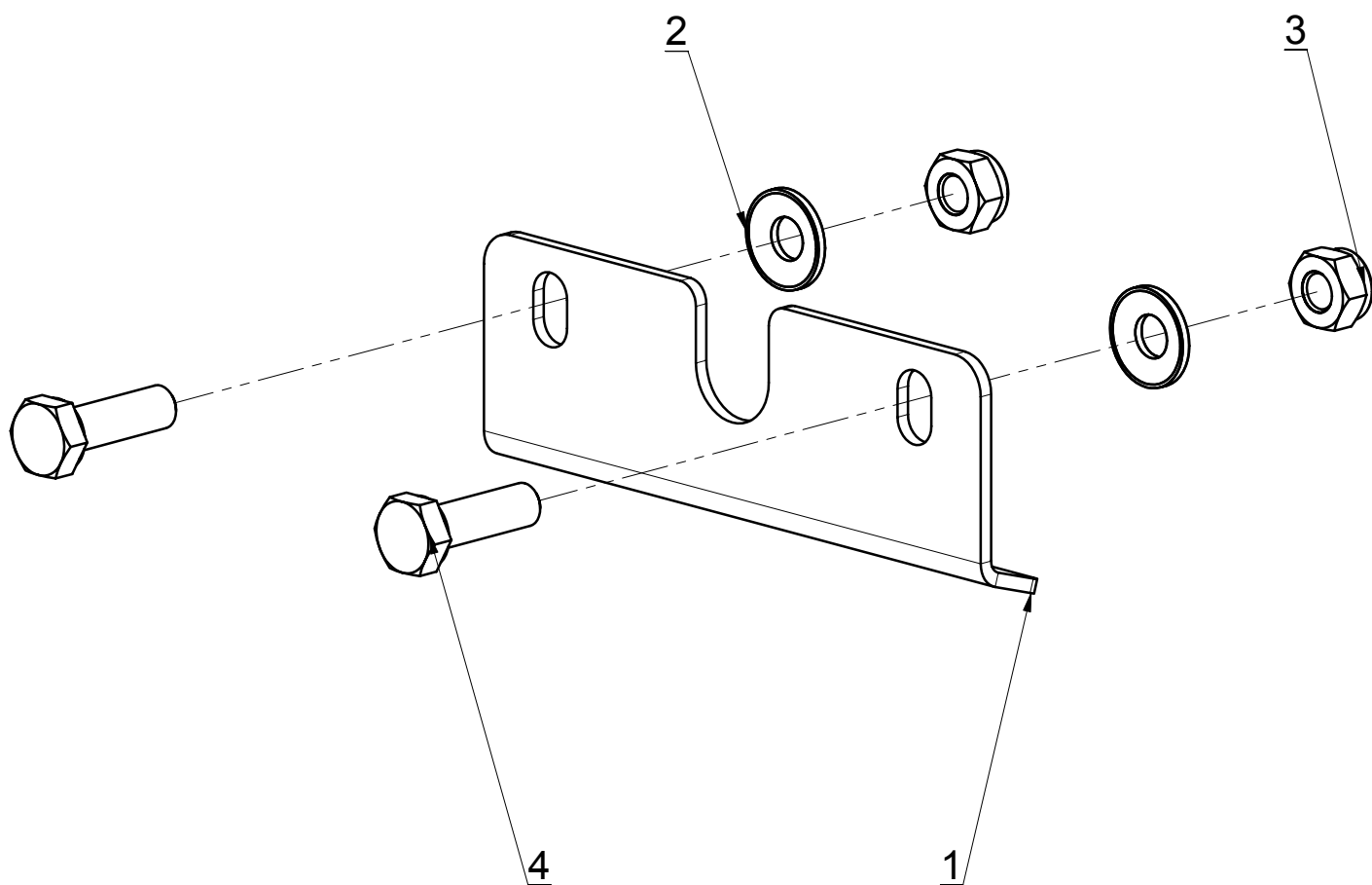


Emptying trap kit

Reference : SEM01-26-007

					Weight : 0.25 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-27-630	Hopper emptying sliding draw	1	0.02	
2	SEM01-26-651	Hopper emptier draw	1	0.20	
3	EN4	Nylstop Nut M4 - 8 - bichromated yellow	2	0.001	
4	VCHC4-008-FT	Screw CHc - M4 x 8 - 8.8 - bichromated yellow	2	0.00	
5	RDC6	Washer Ø6 - yellow electro zinc	2	0.003	
6	VH6-020-FT	Screw H - M6 x 20 - 8.8 - bichromated yellow	2	0.007	

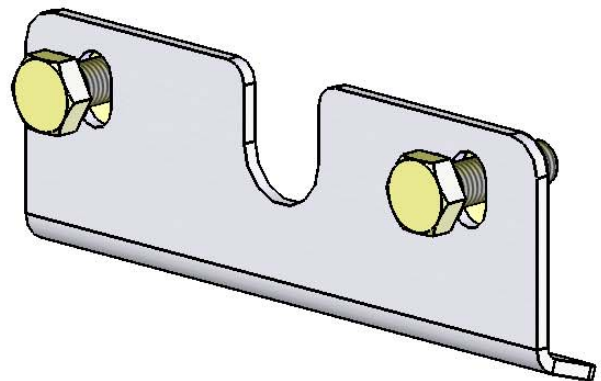


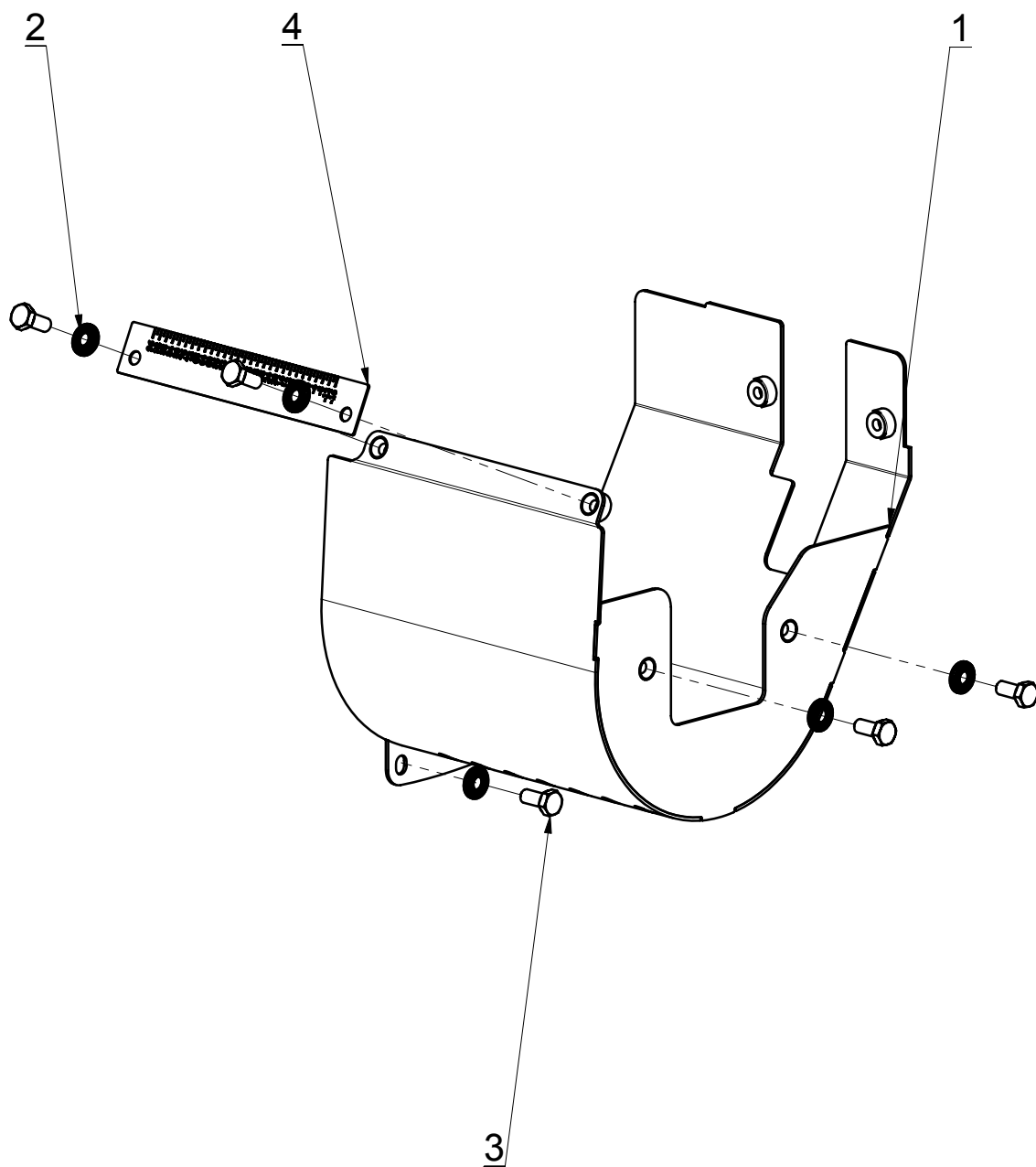


Sealing selector kit

Reference : SEM01-26-005

					Weight : 0.08 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-660	Sealing selector	1	0.06	
2	RDC6	Washer Ø6 - yellow electro zinc	2	0.003	
3	EN6	Nylstop Nut M6 - 8 - bichromated yellow	2	0.003	
4	VH6-020-FT	Screw H - M6 x 20 - 8.8 - bichromated yellow	2	0.007	

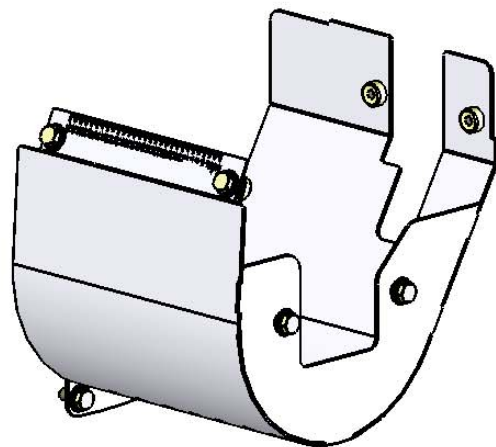


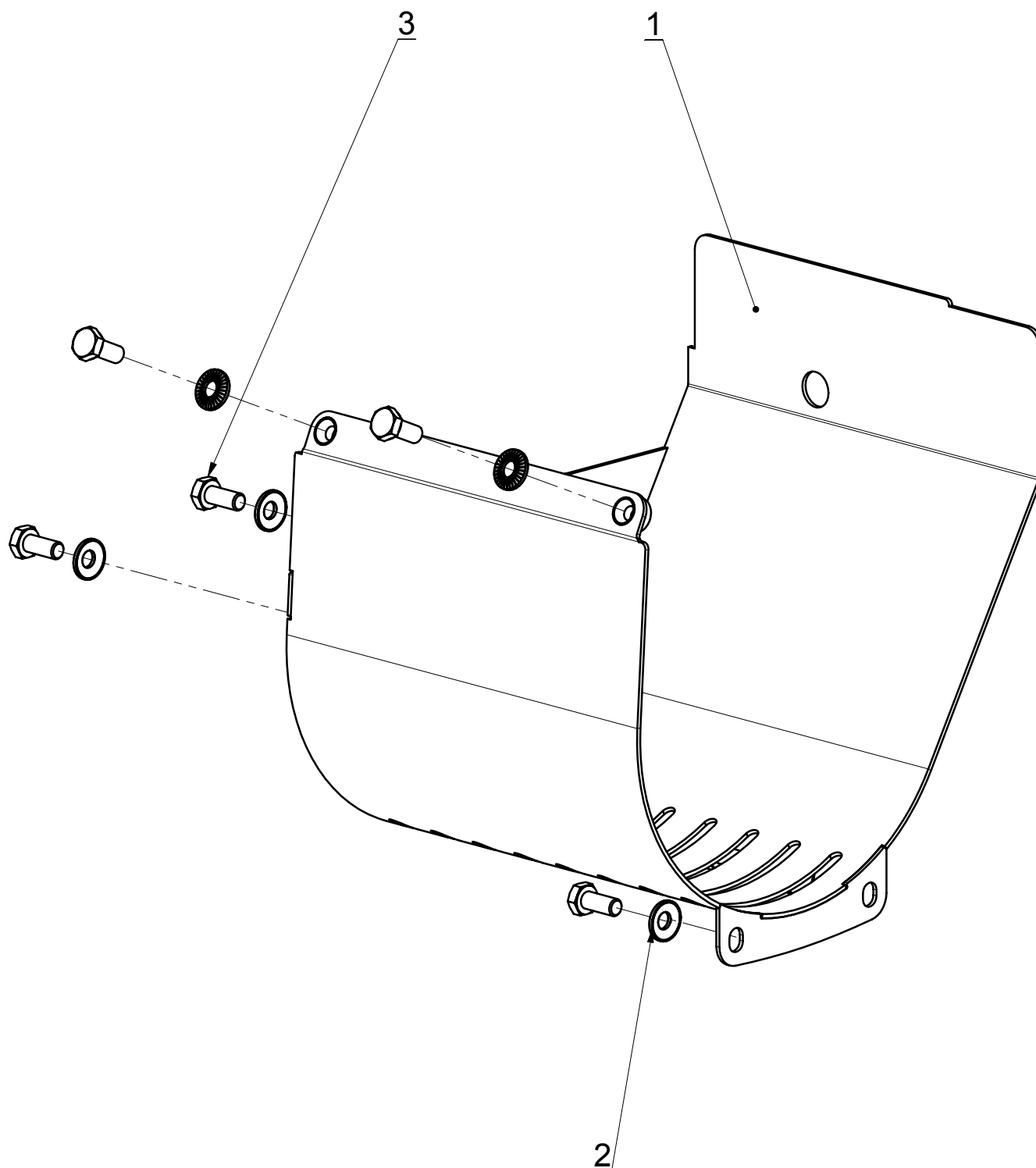


Righthand fluted feed drill casing kit

Reference : SEM01-21-020

					Weight : 1.01 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-21-501	Right-hand delivery spout	1	0.95	
2	RDC6	Washer Ø6 - yellow electro zinc	6	0.003	
3	VH6-014-FT	Screw H - M6 x 14 - 8.8 - bichromated yellow	6	0.006	
4	SEM01-26-670	Delivery rate graduation	1	0.01	

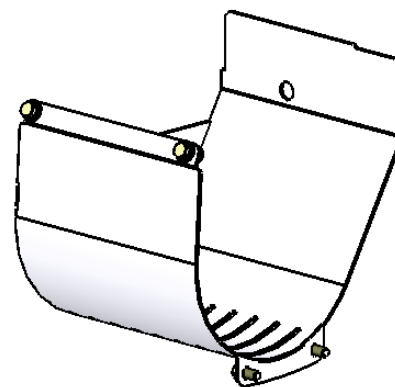


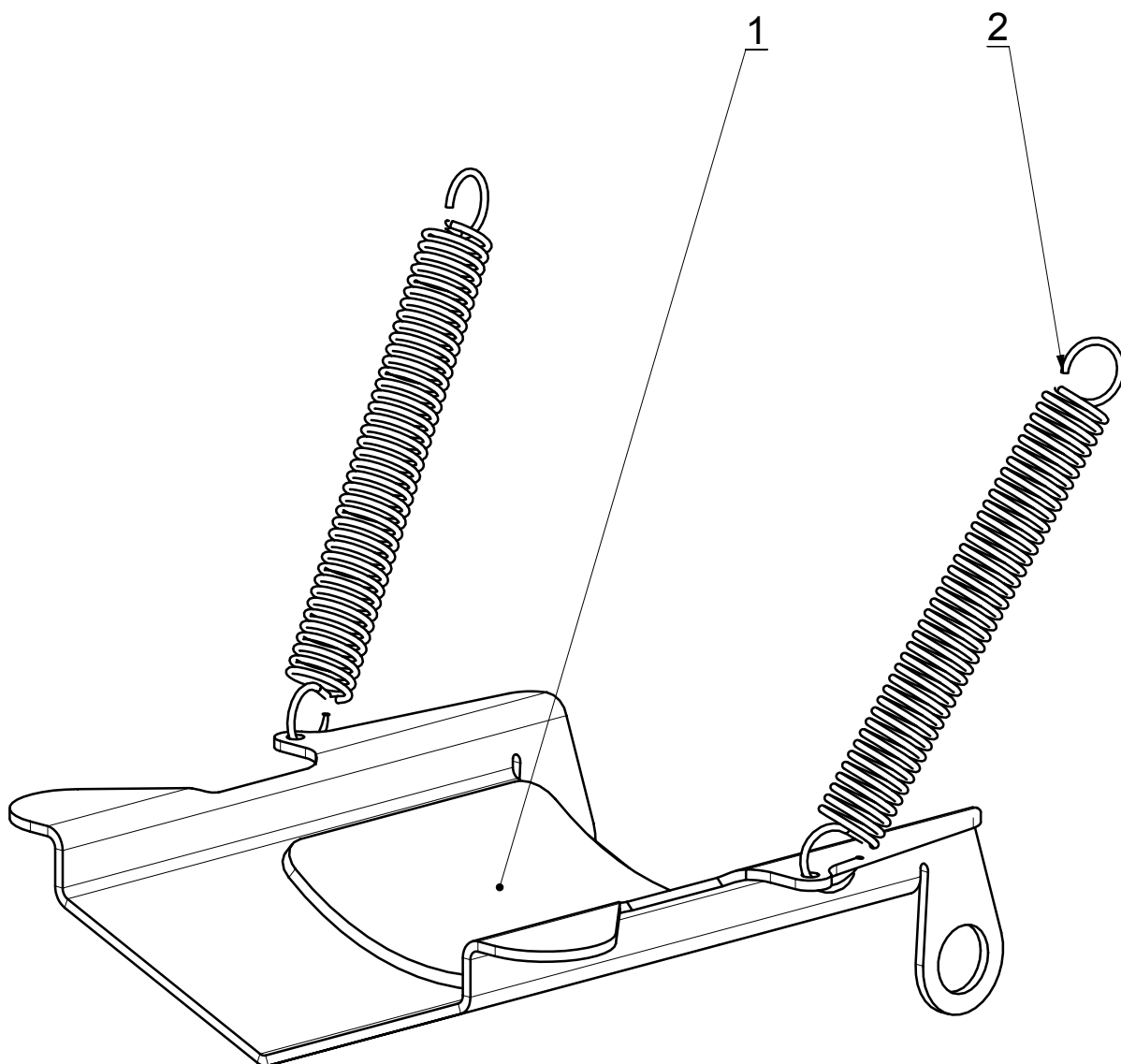


Lefthand fluted feed drill casing kit

Reference : SEM01-21-021

					Weight : 1.03 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-21-504	Left-hand delivery spout	1	0.98	
2	RDC6	Washer Ø6 - yellow electro zinc	6	0.003	
3	VH6-014-FT	Screw H - M6 x 14 - 8.8 - bichromated yellow	6	0.006	

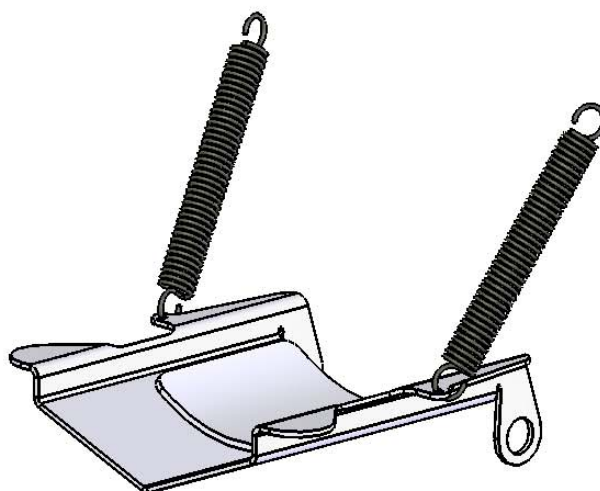


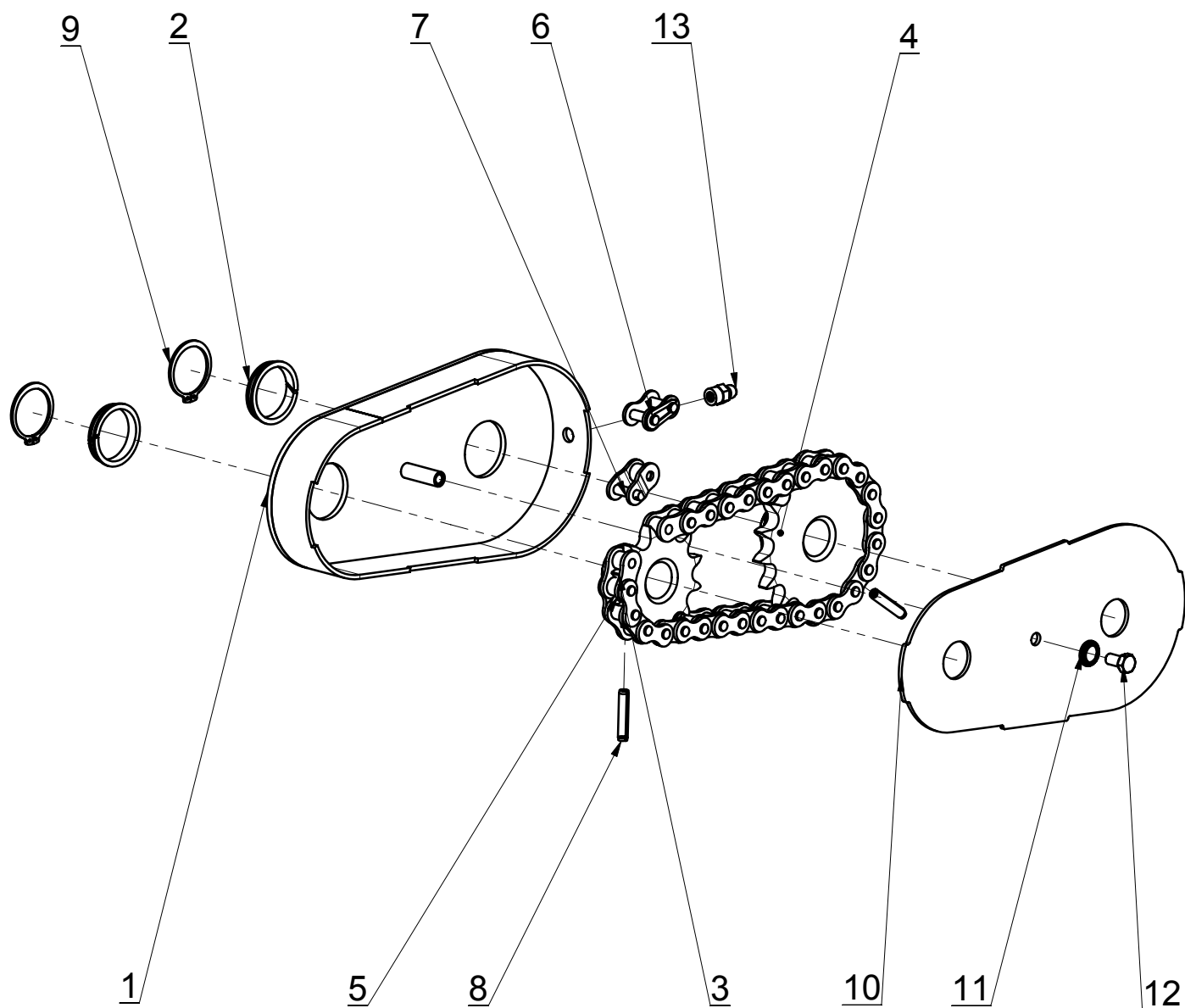


Dosing trap kit - Ø90

Reference : SEM01-26-016

					Weight : 0.21 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-26-516	Dosing trap - Venturi Ø90	1	0.19	
2	SEM01-25-610	Traction spring Ø1 - Ø10 - 70	2	0.01	

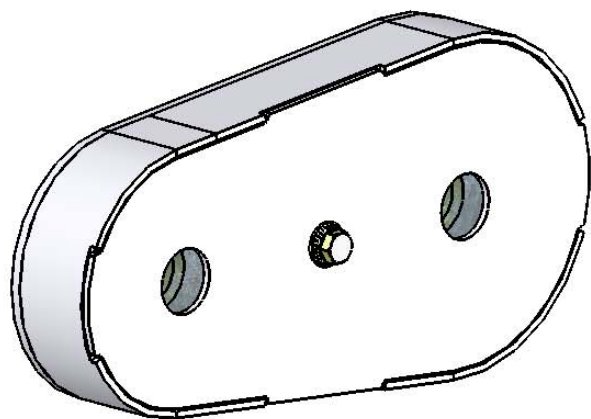




Box r=12/17

Reference : SEM01-27-025

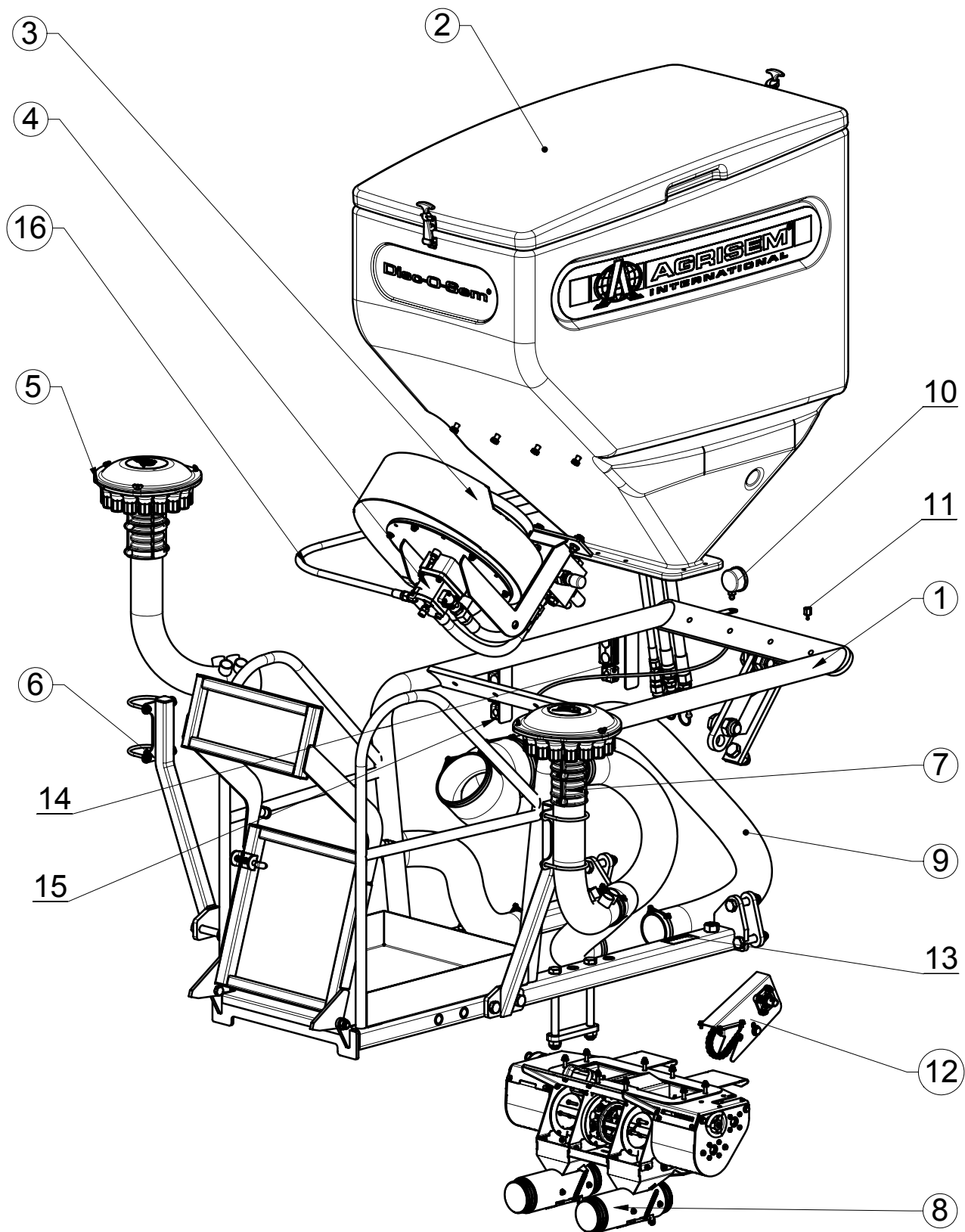
					Weight : 1.46 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-21-505	box main part	1	0.50	
2	MCM-25-03	Bearing clip Ø25 - 3	2	0.00	
3	PIGN12,7-12-1	Pinion 08B1-12 teeth- 12,7- Ø17,5	1	0.133	
4	PIGN12,7-17-1	Pinion 08B1-17 teeth- 12,7- Ø17,5	1	0.291	
5	SEM01-22-603	Chain - DIN 8187- Thread 12,7 - 29 links	1	0.29	
6	CRS-08B1-AR	Fast,simple clip 12,7	1	0.01	
7	CRS-08B1-MCS	Single-bend link 12,7	1	0.01	
8	GES5-24-E	Thick spiraled elastic pin Ø5 x 24	2	0.002	
9	CE24-1,2	External circlip 24x1,2	2	0.002	
10	SEM01-21-632	Box lid	1	0.20	
11	RDC5	Washer Ø5 - yellow electro zinc	1	0.001	
12	VH5-010-FT	Screw H - M5 x 10 - 8.8 - bichromated yellow	1	0.003	
13	GRAI502	M8x1,25 Straight lubricator	1	0.005	



SEED-DRILL SPARE PARTS



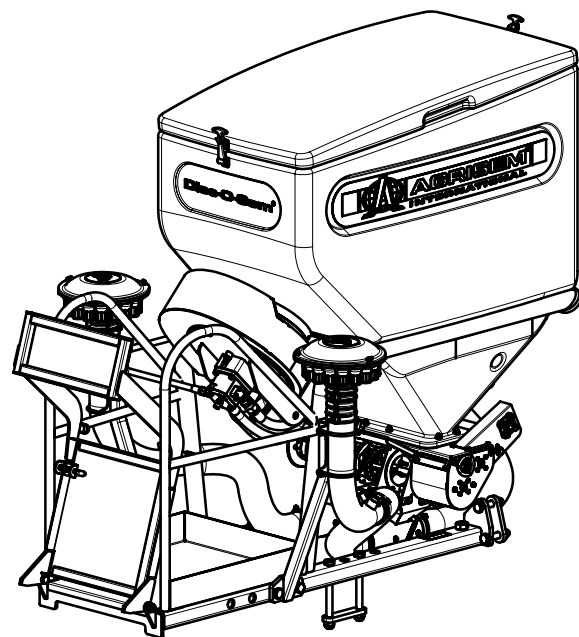
DISC-O-SEM 3m

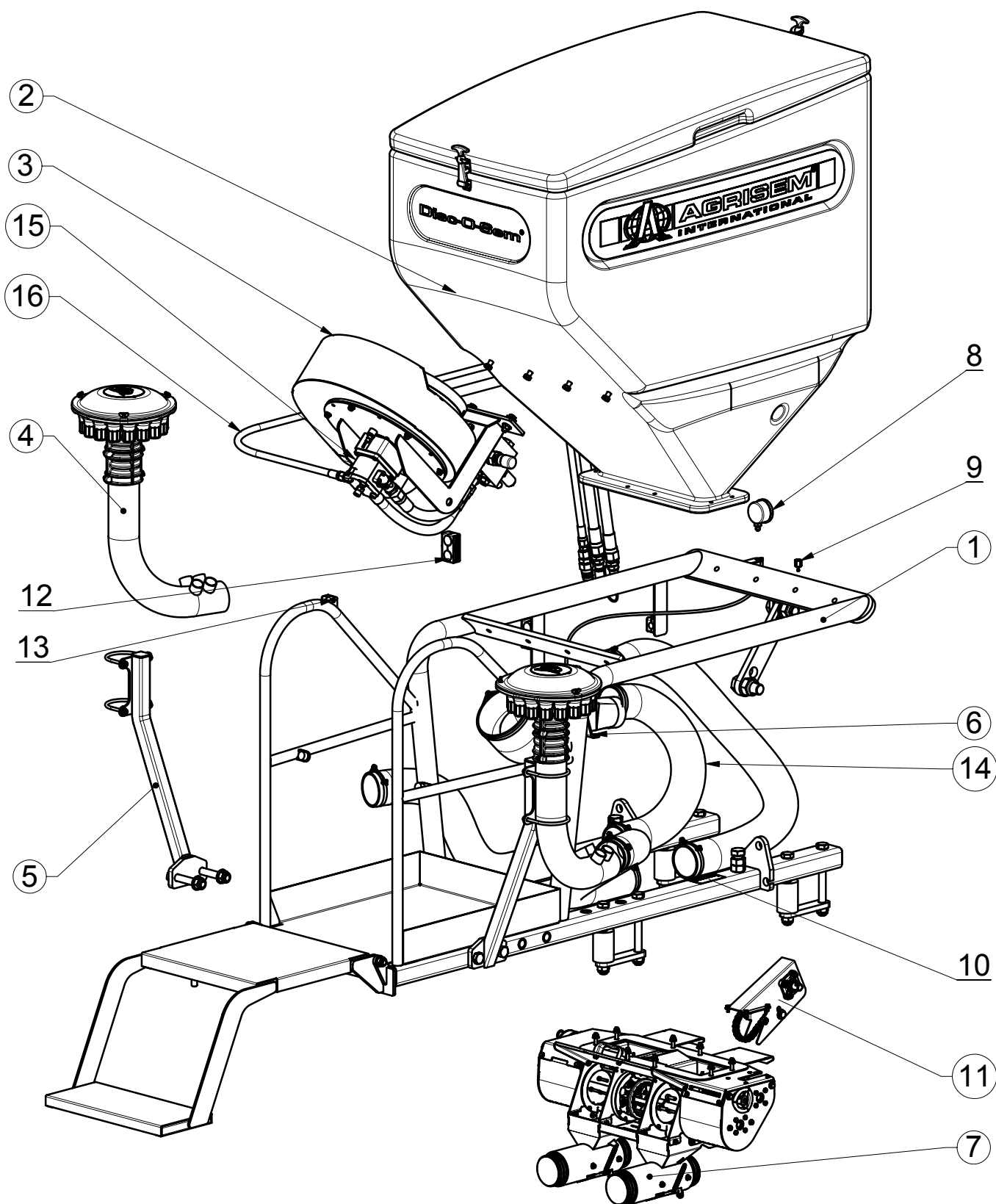


DS750 seed drill kit for DOM-S

Reference: DS750-000S

					Weight : 341.09 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM03-01-001	Framework kit seed-drill DOM	1	149.19	
2	SEM01-28-001	Seed-drill hopper kit without extension	1	58.90	
3	SEM01-29-005	Turbine kit without driving system	1	28.90	
4	SEM01-31-010	Turbine drive kit 14 cm ³	1	18.96	
5	SEM01-30-050	Distribution kit Ø90 - 16 x Ø35	2	4.41	
6	SEM03-19-020	Distribution head support kit Ø90	2	5.59	
7	SEM01-29-022	Connection kit	1	2.64	
8	SEM01-26-010	Distribution - Ø90	1	37.96	
9	SEM03-32-003	Hose kit	1	13.35	
10	MANO-0-100MB	Pressure gauge Ø68 - 0/100 mbar	1	0.14	
11	2569	Connection 1/4" gas	1	0.03	
12	SEM02-21-010	Single distribution drive kit	1	2.96	
13	Plaque	Signalization plate	1	0.02	
14	CPD30C	Double-threaded clamp for hose Ø30	2	0.14	
15	CP19C	Single-threaded clamp for hose Ø19	2	0.07	
16	SEM01-20-005	Hydraulic kit for DS750 seed-drill	1	7.24	

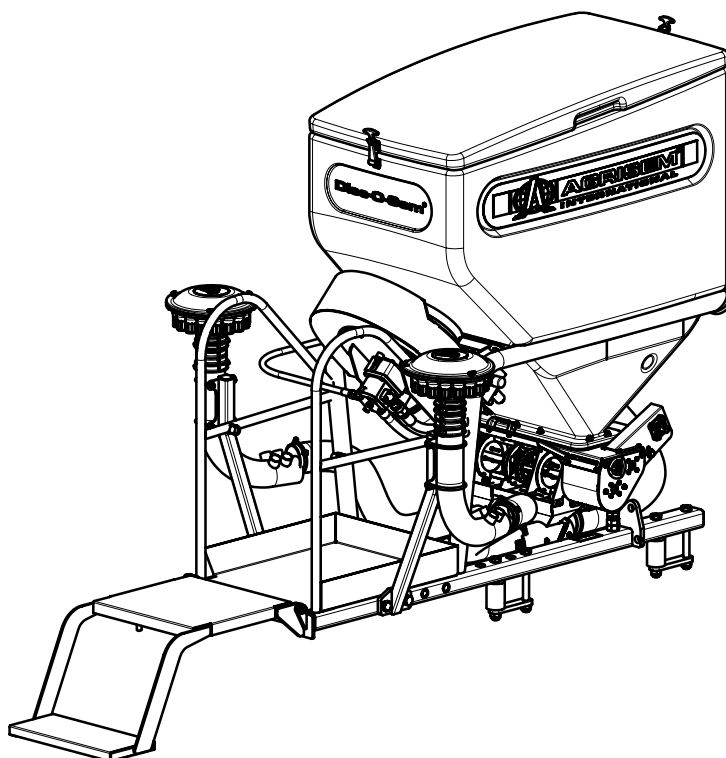


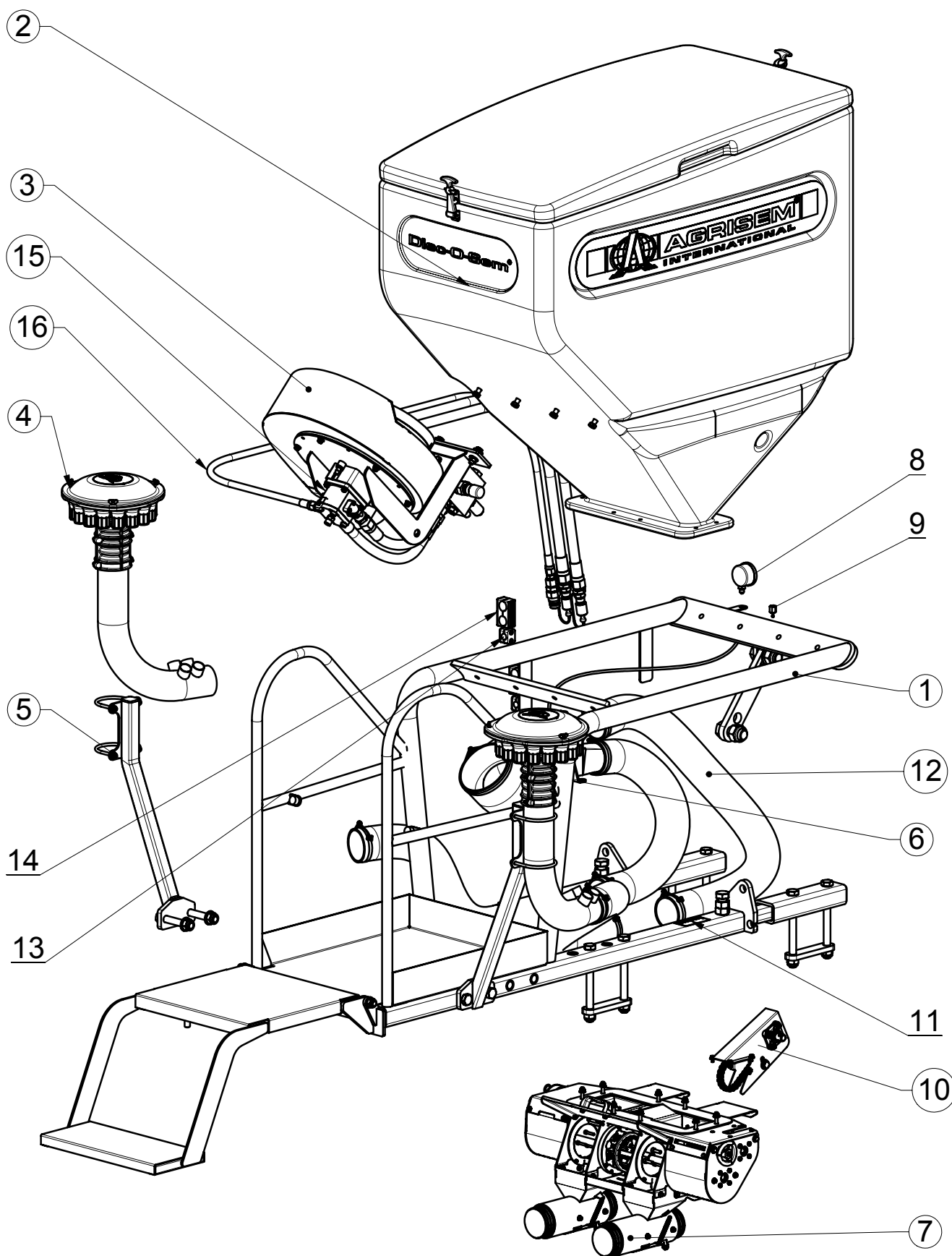


DS750 seed drill kit for DOM-BEST

Reference: DS750-000B

					Weight: 350.27 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM03-01-002	Framework kit seed-drill DOM - Best	1	164.98	
2	SEM01-28-001	Seed-drill hopper kit without extension	1	53.17	
3	SEM01-29-005	Turbine kit without driving system	1	28.90	
4	SEM01-30-050	Distribution kit Ø90 - 16 x Ø35	2	4.41	
5	SEM03-19-020	Distribution head support kit Ø90	2	5.59	
6	SEM01-29-022	Connection kit	1	2.64	
7	SEM01-26-010	Distribution - Ø90	1	37.96	
8	MANO-0-100MB	Pressure gauge Ø68 - 0/100 mbar	1	0.14	
9	2569	Connection 1/4" gas	1	0.03	
10	Plaque	Signalization plate	1	0.02	
11	SEM02-21-010	Single distribution drive kit	1	2.96	
12	CPD30C	Double-threaded clamp for hose Ø30	2	0.14	
13	CP19C	Single-threaded clamp for hose Ø19	2	0.07	
14	SEM03-32-003	Hose kit	1	16.26	
15	SEM01-31-010	Turbine drive kit 14 cm³	1	18.96	
16	SEM01-20-005	Hydraulic kit for DS750 seed-drill	1	3.83	

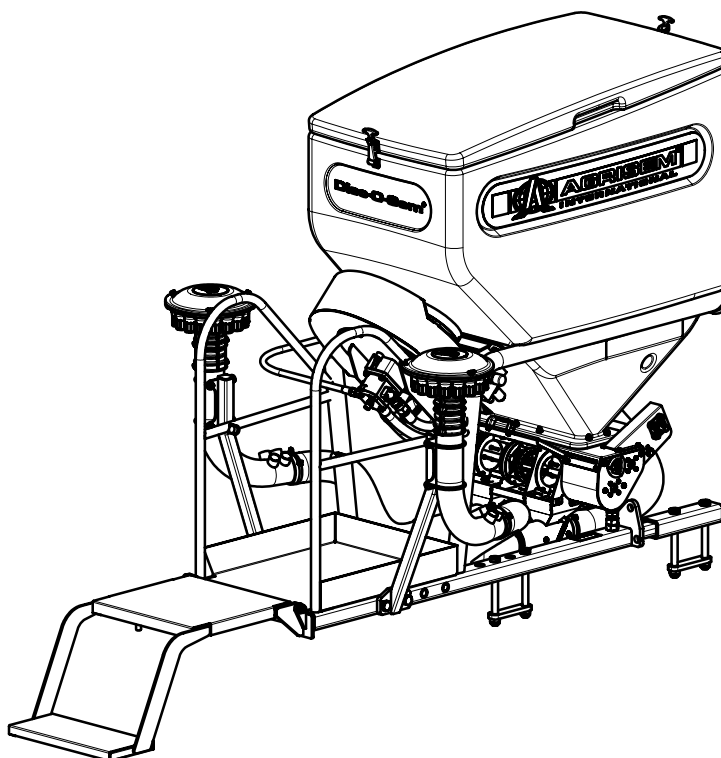


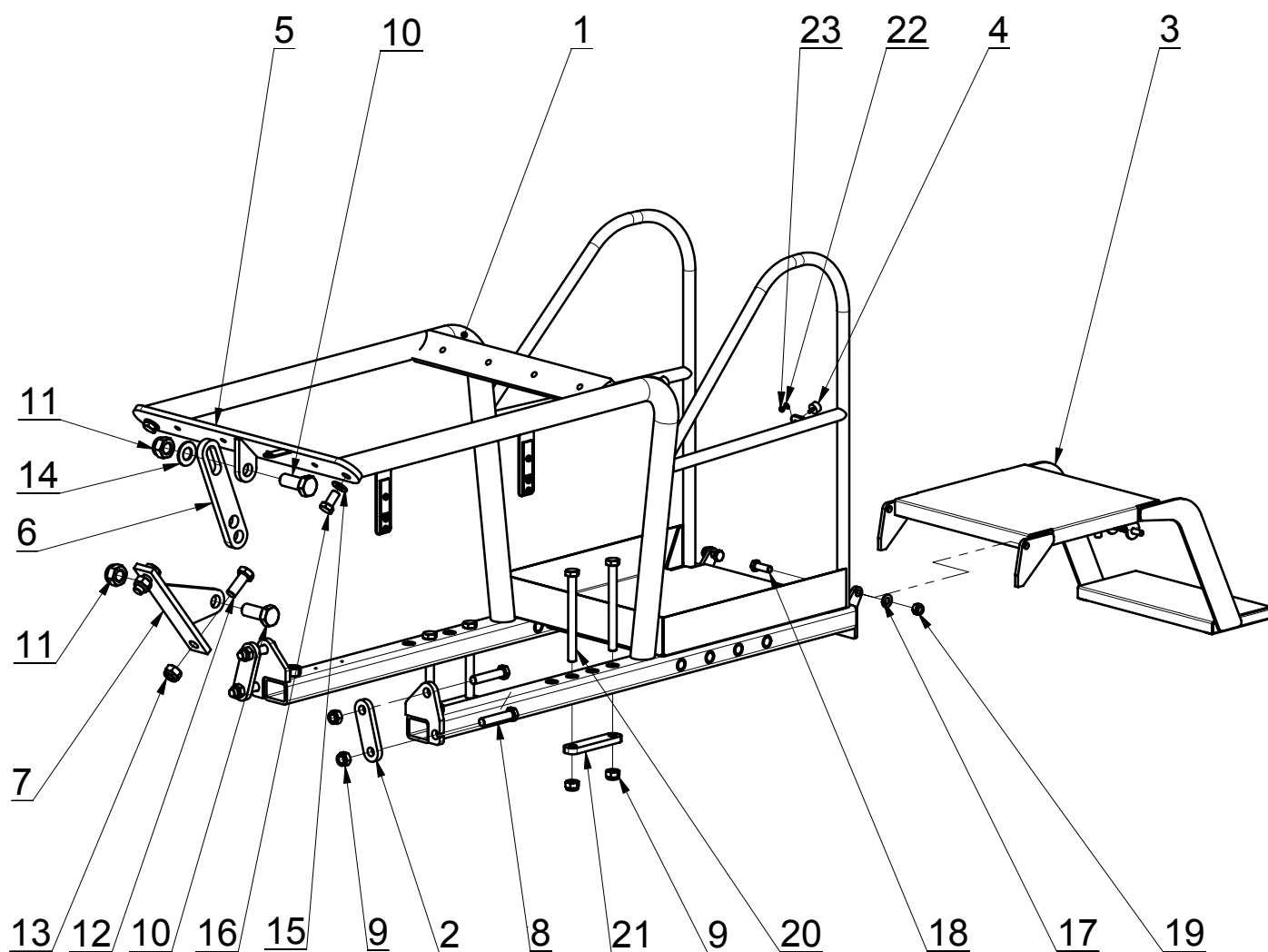


DS750 seed drill kit for DOM-C

Reference: DS750-000C

					Weight: 355.38 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM03-01-003	Framework kit seed-drill DOM - Classic	1	164.37	
2	SEM01-28-001	Seed-drill hopper kit without extension	1	58.90	
3	SEM01-29-005	Turbine kit without driving system	1	28.90	
4	SEM01-30-050	Distribution kit Ø90 - 16 x Ø35	2	4.41	
5	SEM03-19-020	Distribution head support kit Ø90	2	5.59	
6	SEM01-29-022	Connection kit	1	2.64	
7	SEM01-26-010	Distribution - Ø90	1	37.96	
8	MANO-0-100MB	Pressure gauge Ø68 - 0/100 mbar	1	0.14	
9	2569	Connection 1/4" gas	1	0.03	
10	SEM02-21-010	Single distribution drive kit	1	2.96	
11	Plaque	Signalization plate	1	0.02	
12	SEM03-32-003	Hose kit	1	16.26	
13	CP19C	Single-threaded clamp for hose Ø19	2	0.07	
14	CPD30C	Double-threaded clamp for hose Ø30	2	0.14	
15	SEM01-31-010	Turbine drive kit 14 cm³	1	18.96	
16	SEM01-20-005	Hydraulic kit for DS750 seed-drill	1	3.83	

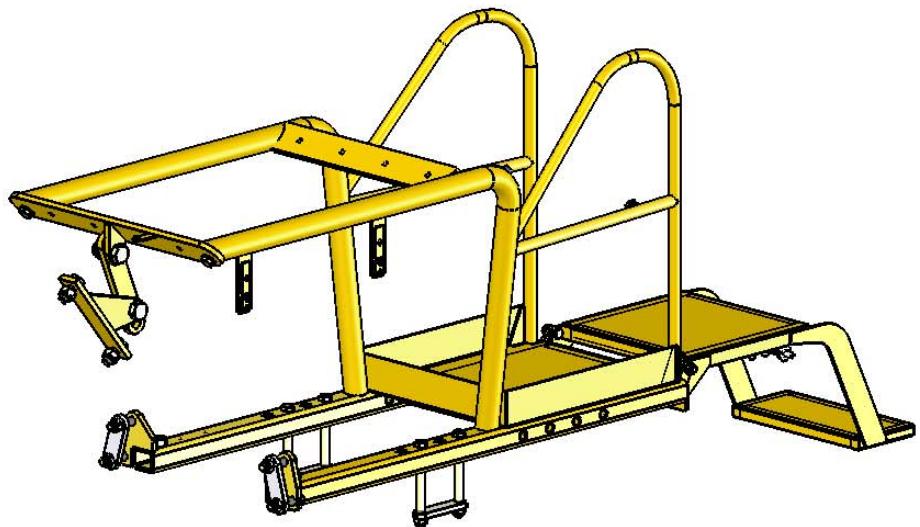


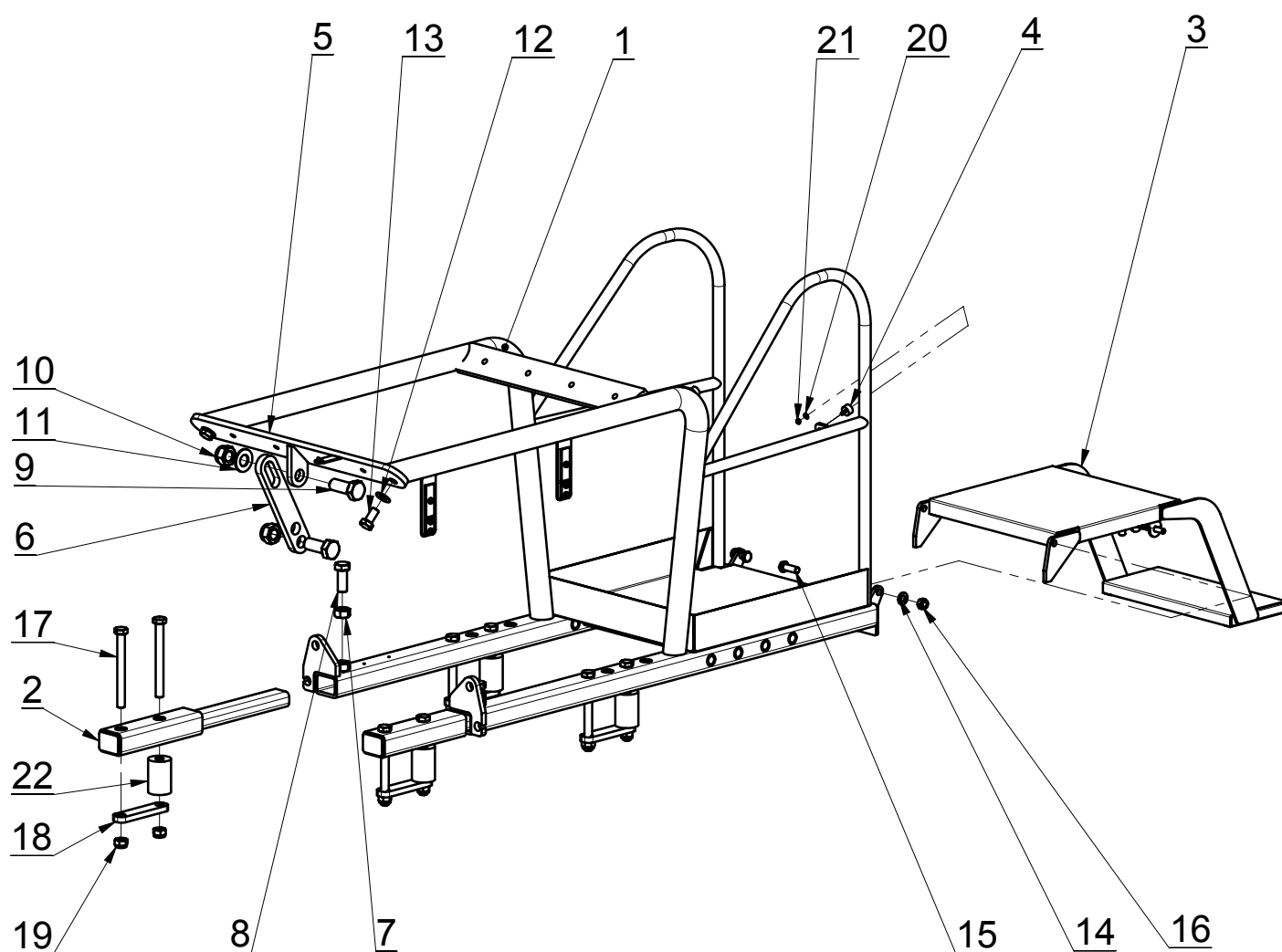


Framework kit seed-drill DOM-S

Reference : SEM03-01-001

					Weight : 149.57 Kg
Seep	Reference	Description	Qty	Weight	Comments
1	SEM03-01-501	Framework	1	104.43	
2	SEM03-01-626	Metal-Plate 20-80	2	0.77	
3	SEM03-01-506	Short gangway	1	19.82	
4	AV25-15	Anti-vibration support Ø25 lg15	2	0.01	
5	SEM03-01-503	Fixation plate for hooper	1	8.35	
6	SEM03-01-627	Side-hitch	1	2.25	
7	SEM03-01-507	Fixing seed-drill	1	3.66	
8	VH20-100-FT	Screw H - M20 x 100 - 8.8 - bichromated yellow	4	0.322	
9	EN20	Nylstop Nut M20 - 8 - bichromated yellow	8	0.076	
10	VH30-075-FT	Screw H - M30 x 75 - 8.8 - bichromated yellow	2	0.679	
11	EN30	Nylstop Nut M30 - 8 - bichromated yellow	2	0.274	
12	VH24-060-FT	Screw H - M24 x 60 - 8.8 - bichromated yellow	2	0.344	
13	EN24	Nylstop Nut M24 - 8 - bichromated yellow	2	0.132	
14	R30M	Average washer Ø30 - yellow electro zinc	1	0.07	
15	R20M	Average washer Ø20 - yellow electro zinc	2	0.02	
16	VH20-040-FT	Screw H - M20 x 40 - 8.8 - bichromated yellow	2	0.174	
17	R16M	Average washer Ø16 - yellow electro zinc	2	0.01	
18	VH16-045-FT	Screw H - M16 x 45 - 8.8 - bichromated yellow	2	0.110	
19	EN16	Nylstop Nut M16 - 8 - bichromated yellow	2	0.039	
20	VH20-220	Screw H - M20 x 220 - 8.8 - bichromated yellow	4	0.619	
21	CB20-120	Metal-Plate 20-120	2	0.74	
22	R6M	Average washer Ø6 - yellow electro zinc	2	0.00	
23	EN6	Nylstop Nut M6 - 8 - bichromated yellow	2	0.003	

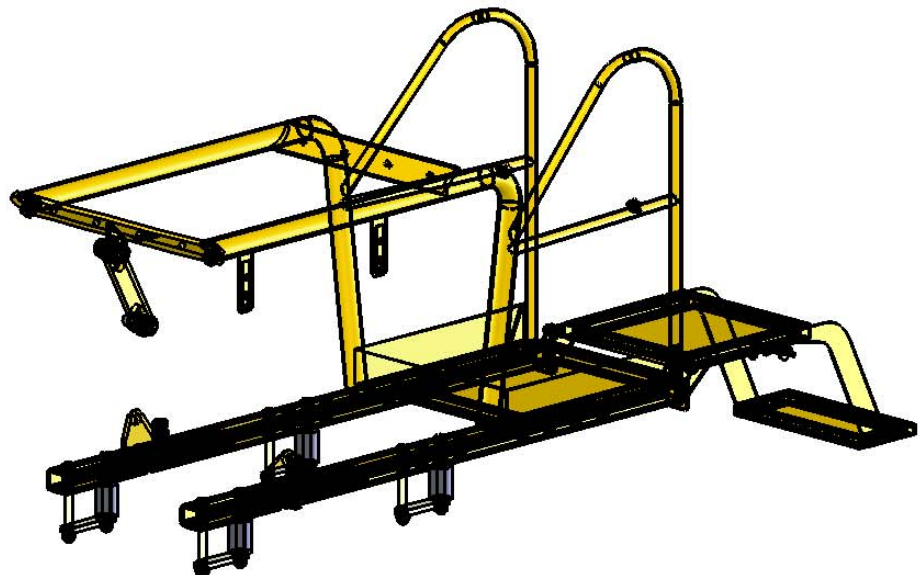


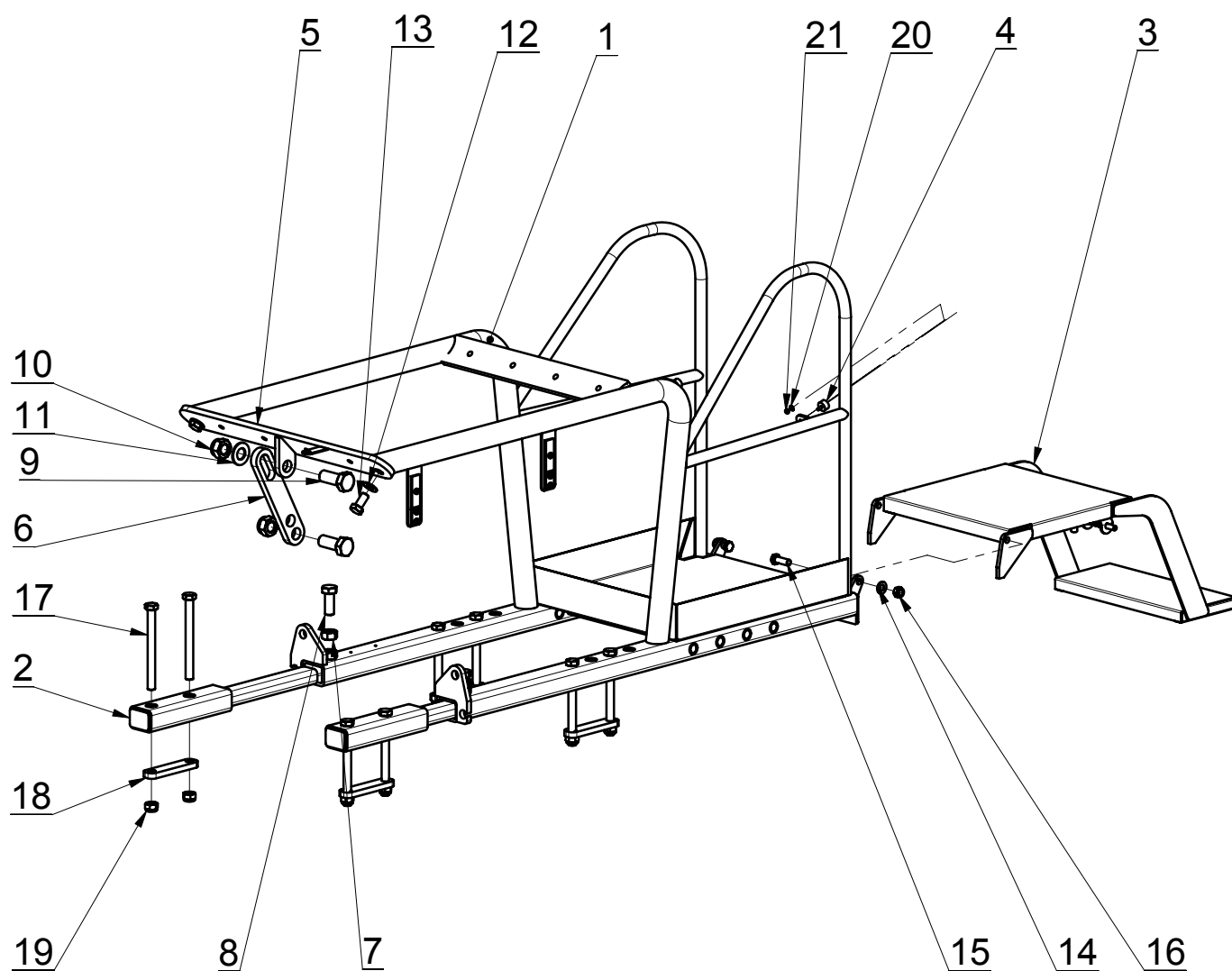


Framework kit seed-drill DOM - Best

Reference : SEM03-01-002

					Weight : 165.37 Kg
Seep	Reference	Description	Qty	Weight	Comments
1	SEM03-01-501	Framework	1	104.43	
2	SEM03-01-502	Extention	2	8.87	
3	SEM03-01-506	Short gangway	1	19.82	
4	AV25-15	Anti-vibration support Ø25 lg15	2	0.01	
5	SEM03-01-503	Fixation plate for hooper	1	8.35	
6	SEM03-01-627	Side-hitch	1	2.25	
7	EH24	Nut H - M24 - 8 - bichromated yellow	2	0.115	
8	VH24-060-FT	Screw H - M24 x 60 - 8.8 - bichromated yellow	2	0.344	
9	VH30-075-FT	Screw H - M30 x 75 - 8.8 - bichromated yellow	2	0.679	
10	EN30	Nylstop Nut M30 - 8 - bichromated yellow	2	0.274	
11	R30M	Average washer Ø30 - yellow electro zinc	1	0.07	
12	R20M	Average washer Ø20 - yellow electro zinc	2	0.02	
13	VH20-040-FT	Screw H - M20 x 40 - 8.8 - bichromated yellow	2	0.174	
14	R16M	Average washer Ø16 - yellow electro zinc	2	0.01	
15	VH16-045-FT	Screw H - M16 x 45 - 8.8 - bichromated yellow	2	0.110	
16	EN16	Nylstop Nut M16 - 8 - bichromated yellow	2	0.039	
17	VH20-200	Screw H - M20 x 200 - 8.8 - bichromated yellow	8	0.569	
18	CB20-120	Metal-Plate 20-120	4	0.74	
19	EN20	Nylstop Nut M20 - 8 - bichromated yellow	8	0.076	
20	R6M	Average washer Ø6 - yellow electro zinc	2	0.00	
21	EN6	Nylstop Nut M6 - 8 - bichromated yellow	2	0.003	
22	SEM03-01-670	Cross piece	4	0.25	

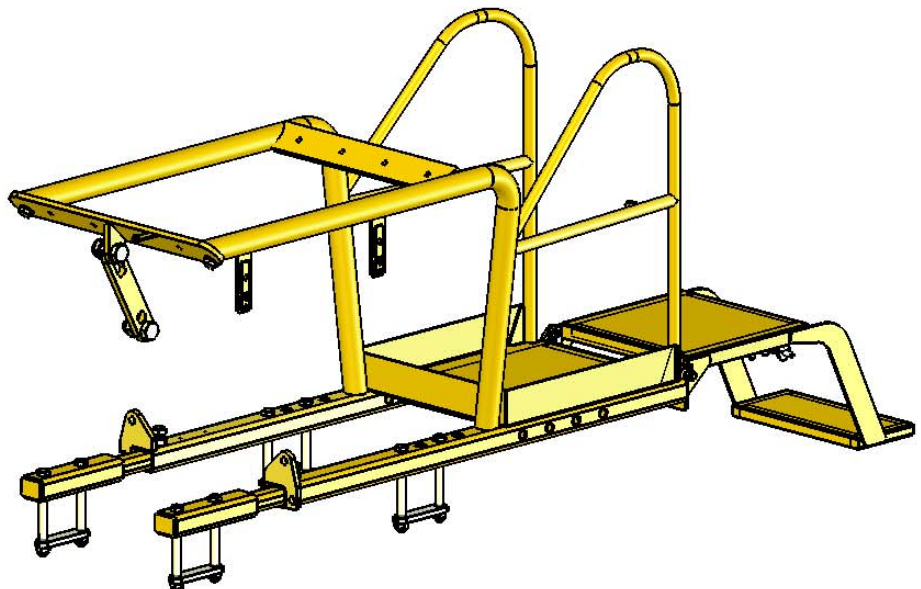


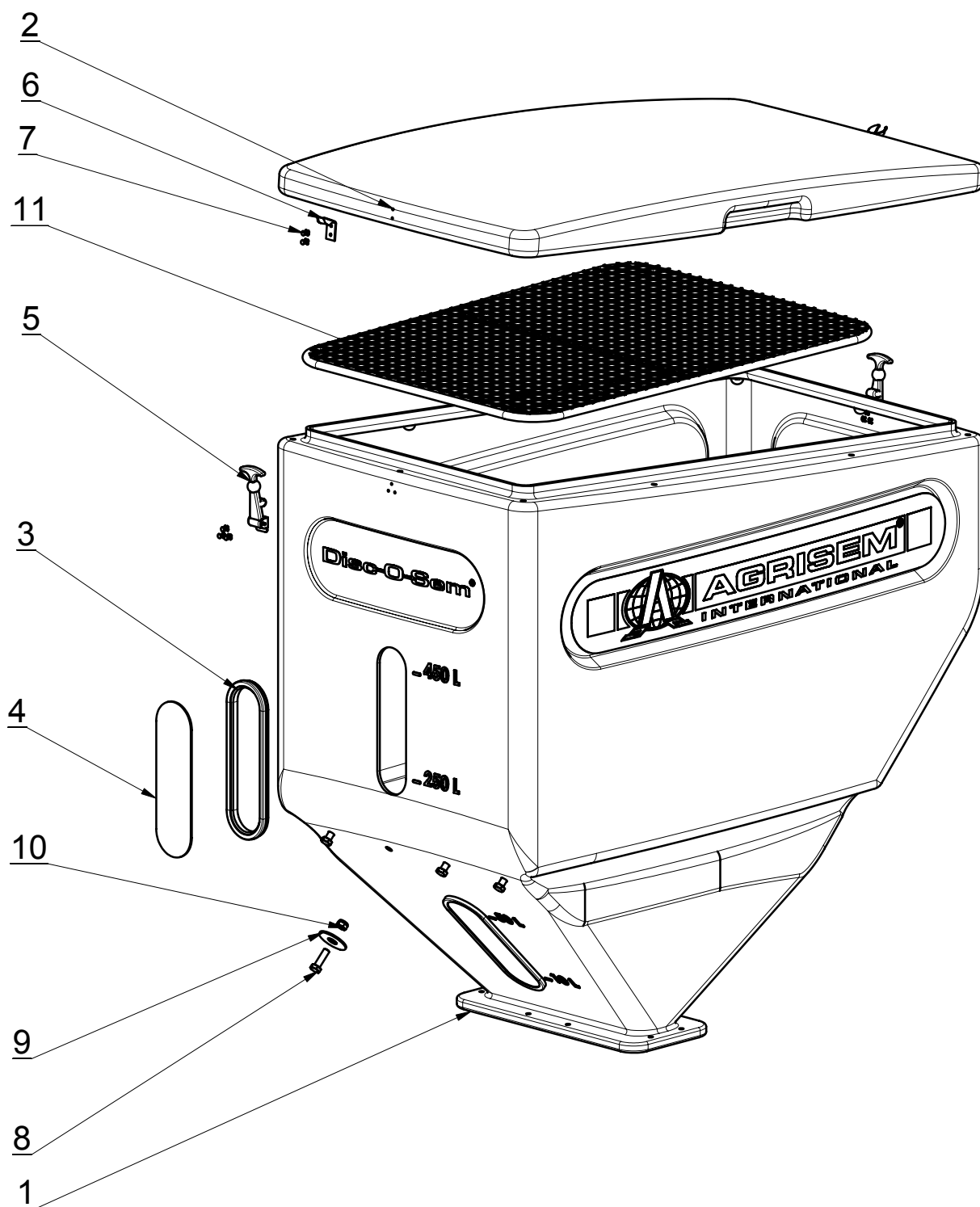


Framework kit seed-drill DOM - Classic

Reference : SEM03-01-003

					Weight : 164.76 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM03-01-501	Framework	1	104.43	
2	SEM03-01-502	Extention	2	8.87	
3	SEM03-01-506	Short gangway	1	19.82	
4	AV25-15	Anti-vibration support Ø25 lg15	2	0.01	
5	SEM03-01-503	Fixation plate for hooper	1	8.35	
6	SEM03-01-627	Side-hitch	1	2.25	
7	EH24	Nut H - M24 - 8 - bichromated yellow	2	0.115	
8	VH24-060-FT	Screw H - M24 x 60 - 8.8 - bichromated yellow	2	0.344	
9	VH30-075-FT	Screw H - M30 x 75 - 8.8 - bichromated yellow	2	0.679	
10	EN30	Nylstop Nut M30 - 8 - bichromated yellow	2	0.274	
11	R30M	Average washer Ø30 - yellow electro zinc	1	0.07	
12	R20M	Average washer Ø20 - yellow electro zinc	2	0.02	
13	VH20-040-FT	Screw H - M20 x 40 - 8.8 - bichromated yellow	2	0.174	
14	R16M	Average washer Ø16 - yellow electro zinc	2	0.01	
15	VH16-045-FT	Screw H - M16 x 45 - 8.8 - bichromated yellow	2	0.110	
16	EN16	Nylstop Nut M16 - 8 - bichromated yellow	2	0.039	
17	VH20-220	Screw H - M20 x 220 - 8.8 - bichromated yellow	8	0.619	
18	CB20-120	Metal-Plate 20-120	4	0.74	
19	EN20	Nylstop Nut M20 - 8 - bichromated yellow	8	0.076	
20	R6M	Average washer Ø6 - yellow electro zinc	2	0.00	
21	EN6	Nylstop Nut M6 - 8 - bichromated yellow	2	0.003	



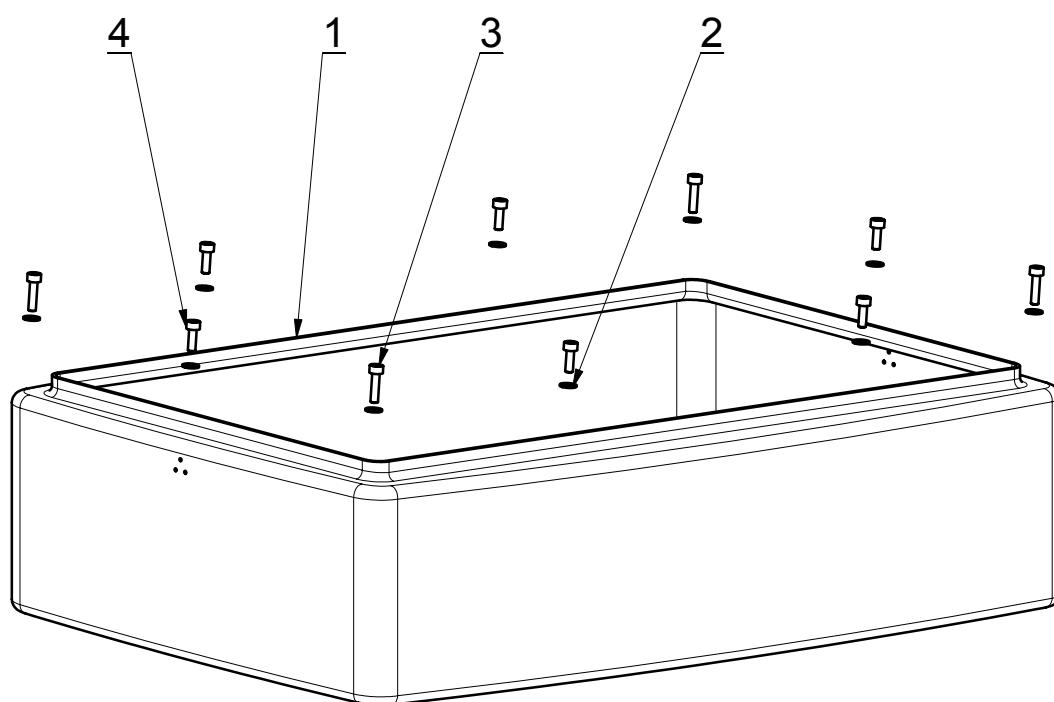


Seed-drill hopper kit without extension

Reference : SEM01-28-001

					Weight : 53.44 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-28-601	750 litre hopper	1	30.27	
2	SEM01-28-603	Lid	1	12.75	
3	JPB-6.5	Windscreen joint Lg 740	2	0.09	
4	SEM01-28-605	Window	2	0.08	
5	S8385	Sparex Clip	2	0.07	
6	S8387	Main part handle placement support system	2	0.02	
7	RAE4-16	Flat-head rivet Ø4-16	10	0.00	
8	VH12-040	Screw H - M12 x 40 - 8.8 - bichromated yellow	8	0.054	
9	R20LL	Extra large washer Ø20- electro zinc	8	0.06	
10	EN12	Nylstop Nut M12 - 8 - bichromated yellow	8	0.020	
11	SEM01-28-505	Hopper bottom grill	1	9.10	
12	ETIQ-651	Yellow sticker for AGRISEM seed-drill	2	0.05	
13	ETIQ-656	AGRISEM stickers - 800 - Black contour	2	0.01	
14	ETIQ-652	Sticker for Disc-O-Sem	2	0.00	

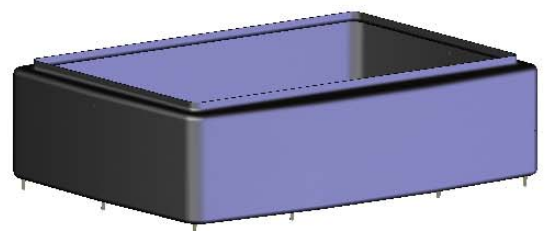


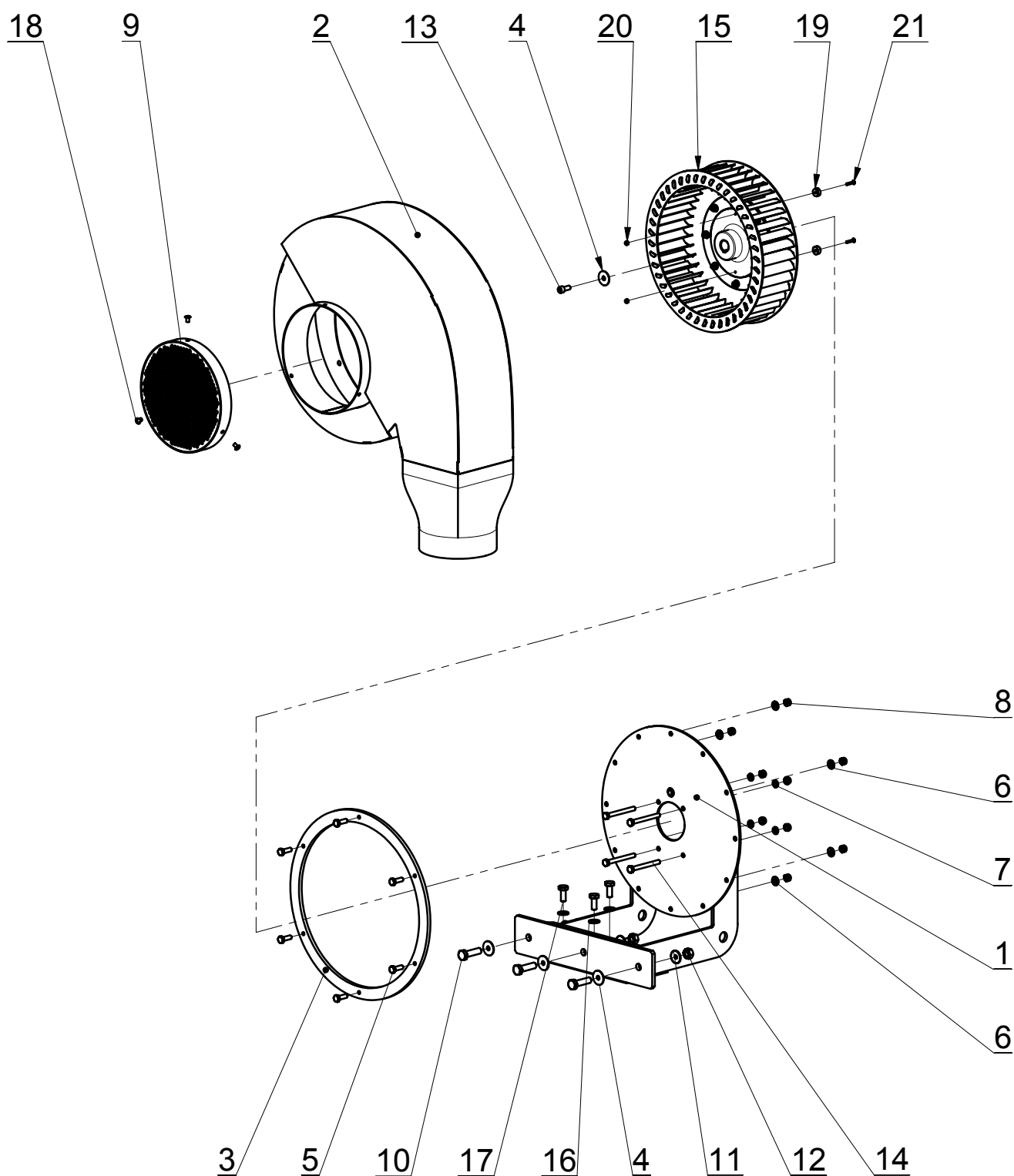


Side extention kit

Reference : DS750-010

					Weight : 10.35 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-28-602	Side-extension	1	9.94	
2	R10M	Average washer Ø10 - yellow electro zinc	10	0.00	
3	VCHC10-040-FT	Screw CHc - M10 x 40 - 8.8 - bichromated yellow	4	0.04	
4	VCHC10-030-FT	Screw CHc - M10 x 30 - 8.8 - bichromated yellow	6	0.03	

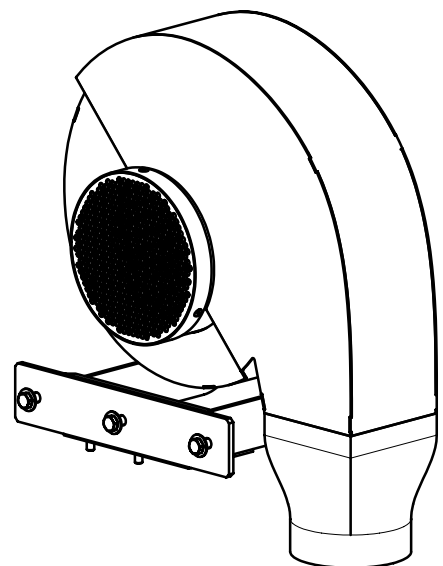


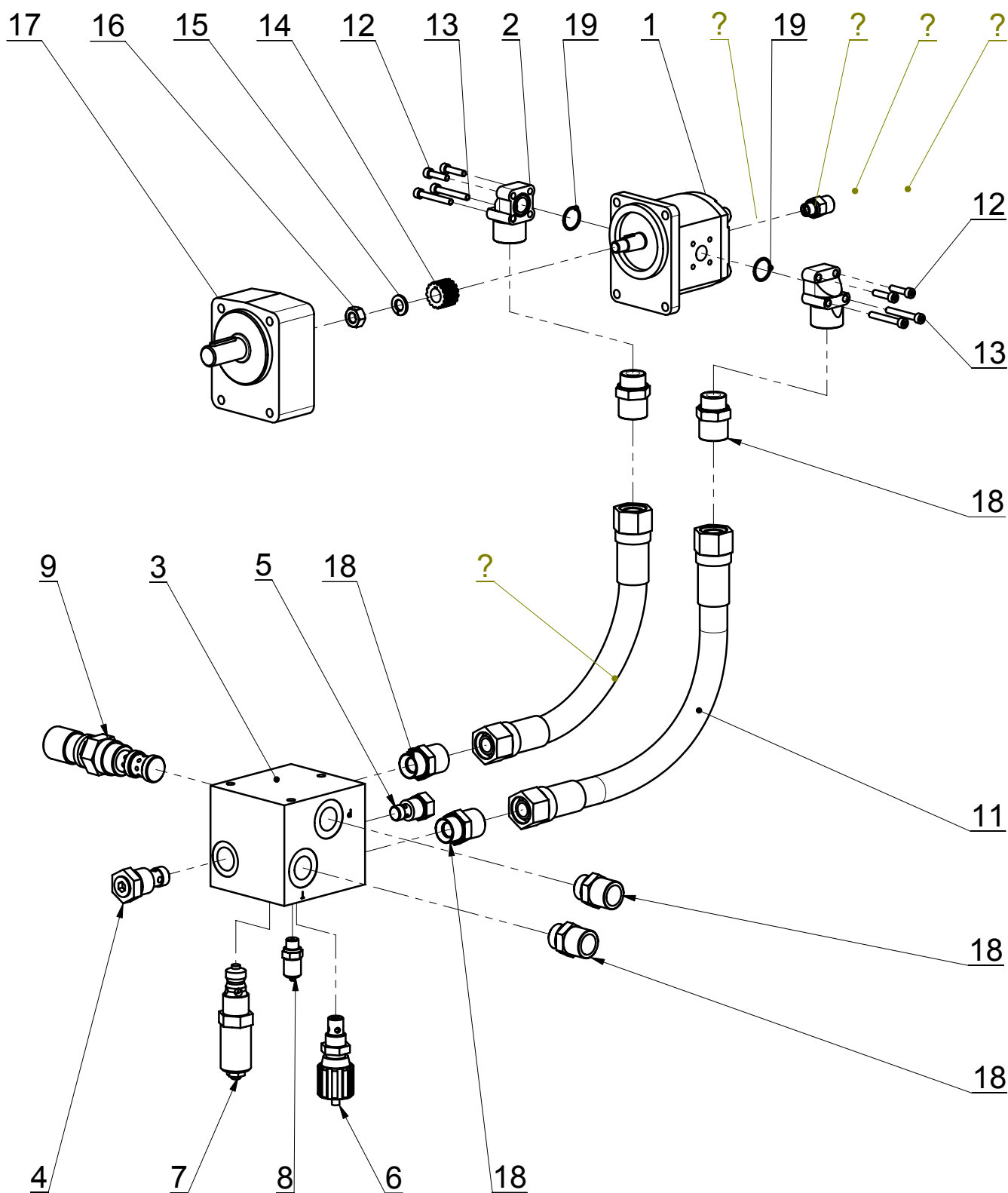


Turbine kit without driving system

Reference : SEM01-29-005

					Weight : 28.90 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-29-506	Blower bracket	1	10.77	
2	SEM01-29-522	turbine soldered casing	1	10.87	
3	SEM01-29-611	Spacer ring	1	1.84	
4	R8LL	Extra large washer Ø8- electro zinc	4	0.01	
5	VH8-025-FT	Screw H - M8 x 25 - 8.8 - bichromated yellow	6	0.016	
6	RDC8	Washer Ø8 - yellow electro zinc	6	0.002	
7	RE8	Washer Ø8 - elastic bichromated yellow	4	0.002	
8	EN8	Nylstop Nut M8 - 8 - bichromated yellow	10	0.006	
9	SEM01-29-504	Filtration grill	1	0.49	
10	VH12-045	Screw H - M12 x 45 - 8.8 - bichromated yellow	3	0.058	
11	RDC12	Washer Ø12 - yellow electro zinc	3	0.007	
12	EH12	Nut H - M12 - 8 - bichromated yellow	3	0.017	
13	VCHC8-020-FT	Screw CHc - M8 x 20 - 8.8 - bichromated yellow	1	0.01	
14	VH8-080	Screw H - M8 x 80 - 8.8 - bichromated yellow	4	0.034	
15	SEM01-29-010	Equipped turbine rotor	1	4.13	
16	R10M	Average washer Ø10 - yellow electro zinc	3	0.00	
17	VH10-025-FT	Screw H - M10 x 25 - 8.8 - bichromated yellow	3	0.028	
18	RA6-10	Flat-head rivet Ø6 x 10	3	0	
19	RDS-624	Magnet Ø16.5 - 4.5 x 7	2	0.01	
20	EN4	Nylstop Nut M4 - 8 - bichromated yellow	2	0.001	
21	VBHC4-020-IFT	Screw BHC - M4 x 20 - 8,8 - stainhess steel	2	0.00	

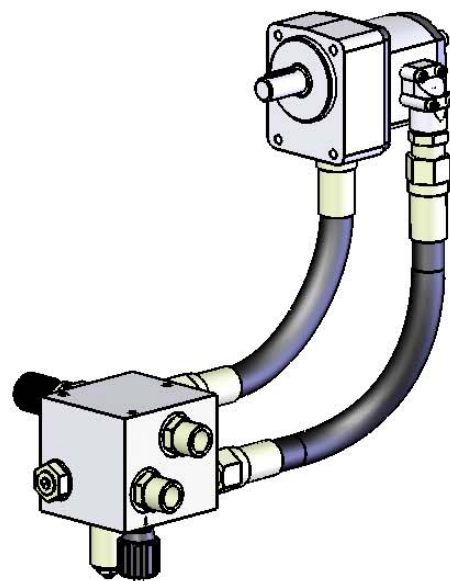


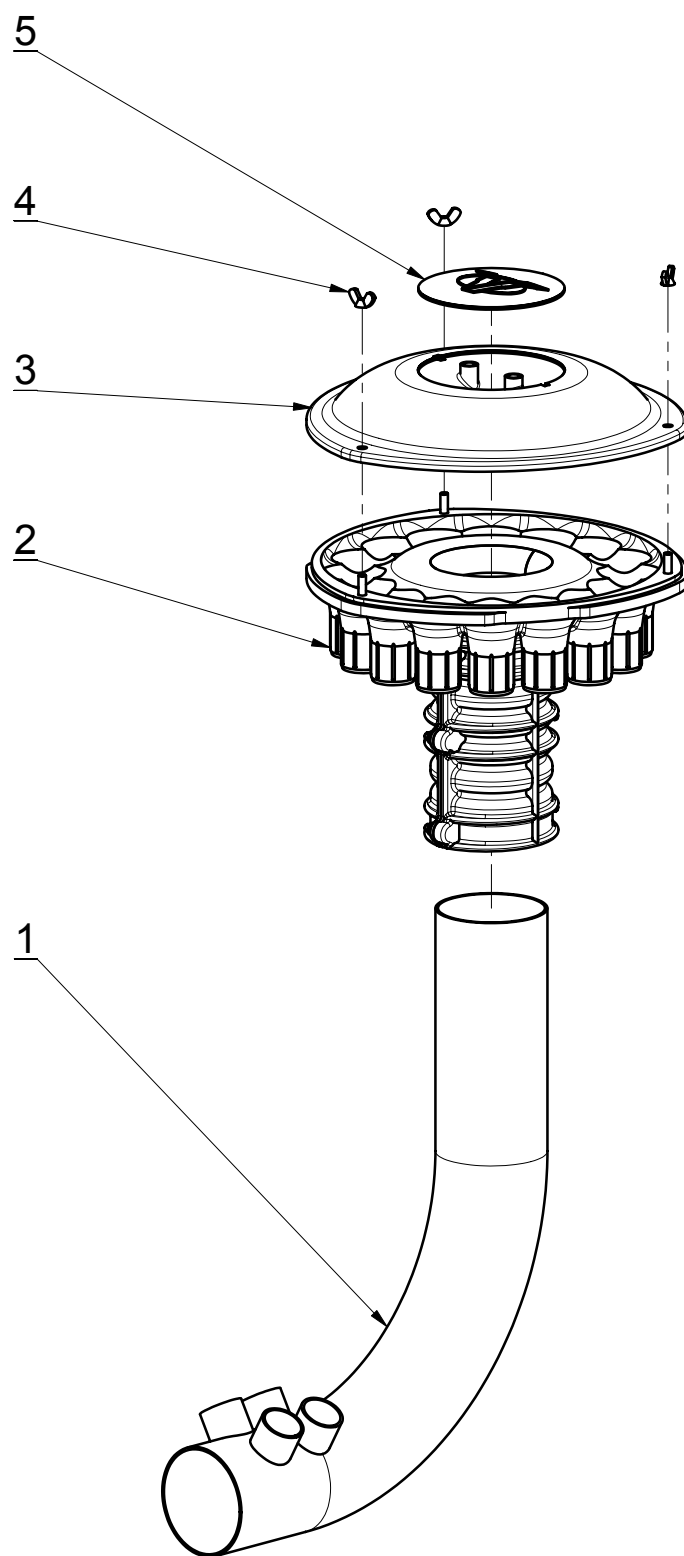


Turbine drive kit 14 cm³

Reference : SEM01-31-010

					Weight : 18.96 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	0 511 625 602	Hydraulic motor	1	5.55	
2	B3-004	Discharge flange 3/4	2	0.24	
3	B050610	Bored bloc	1	3.27	
4	3 047 039	Non-return valve 0,35 B RV 12A	1	0.23	
5	3 014 052	Non-return valve 0,35 B RV 10A	1	0.12	
6	705 430	Flow control valve DVE10	1	0.42	
7	552 806	Pressure control valve 250B DB12	1	0.56	
8	680107	Pressure plug	1	0.07	
9	820 20 36 19	Application rate setting 3 channels	1	0.93	
10	2T-00400-20S20S	Flexible coupling 0,40 m DIN20S - DIN20S	1	0.12	
11	2T-00460-20S20S	Flexible coupling 0,46 m DIN20S - DIN20S	1	0.16	
12	VCHC6-025-FT	Screw CHc - M6 x 25 - 8.8 - bichromated yellow	4	0.01	
13	VCHC6-045	Screw CHc - M6 x 45 - 8.8 - bichromated yellow	4	0.01	
14	ZBR10504	Fluted socket	1	0.06	
15	RE12	Washer Ø12 - elastic bichromated yellow	1	0.004	
16	EH12	Nut H - M12 - 8 - bichromated yellow	1	0.017	
17	ZBR 25606	Steady rest bearing	1	4.68	
18	UM20S034R	Male union fitting 3/4" gas - DIN20S	6	0.15	
19	OR3075	O-ring Ø19-2,55	2	0.00	
20	UM12S014R	Male union fitting 1/4" gas - DIN12S	1	0.04	

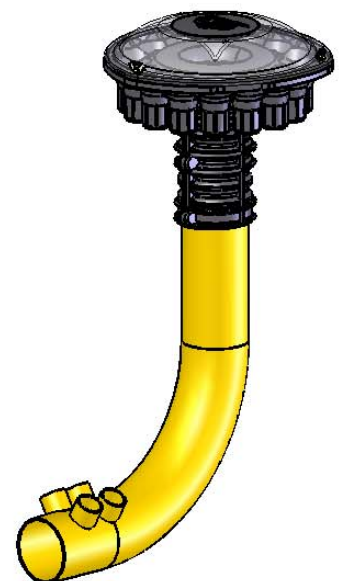


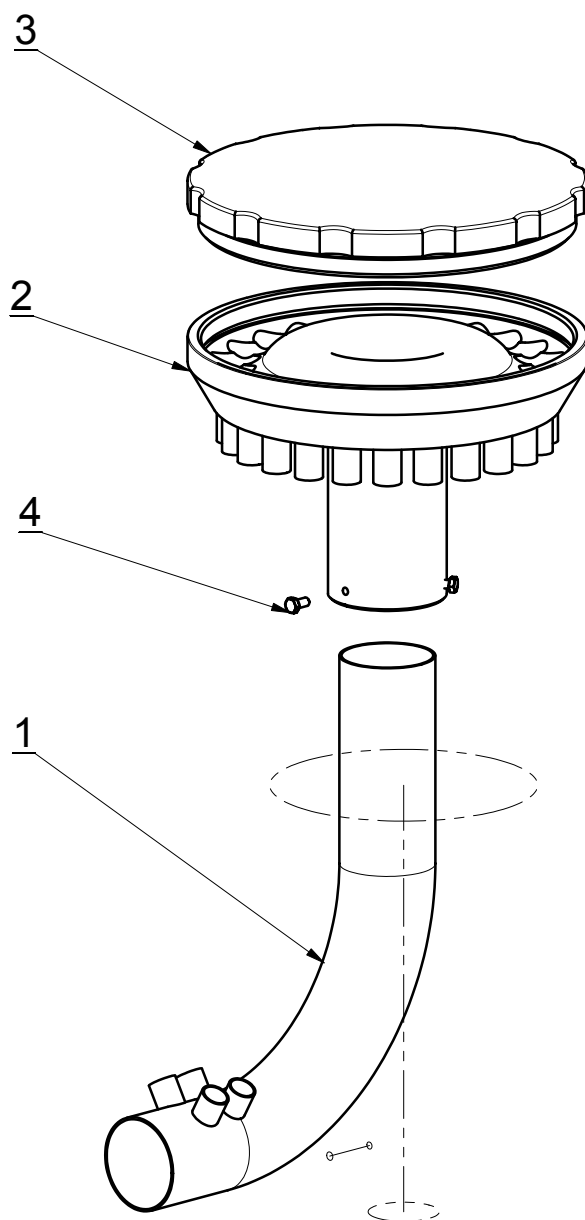


Distribution kit Ø90 - 16 x Ø35

Reference : SEM01-30-050

					Weight : 4.41 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-30-512	Distribution duct Ø90-35	1	2.94	
2	SEM01-30-509	Moulded distribution head main part Ø90 - 16 x Ø35	1	1.11	
3	SEM01-30-633	Moulded distribution head plug Ø90 - 16 x Ø35	1	0.33	
4	EAO6	Butterfly nut M6	3	0.01	
5	SEM01-30-634	AGRISEM wheel-disc for distribution head plug	1	0.02	

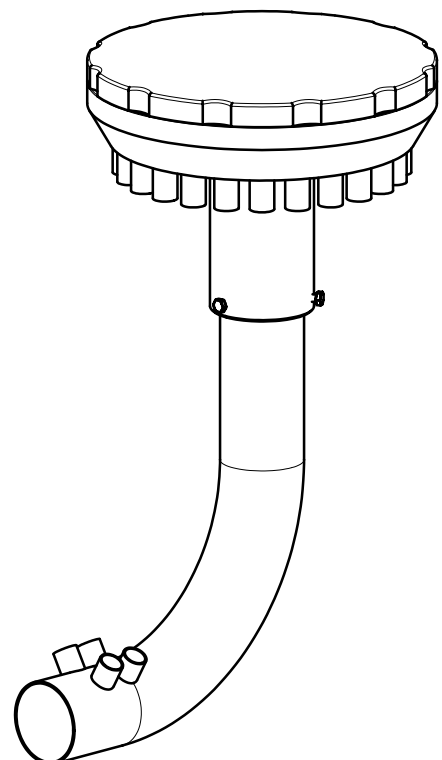


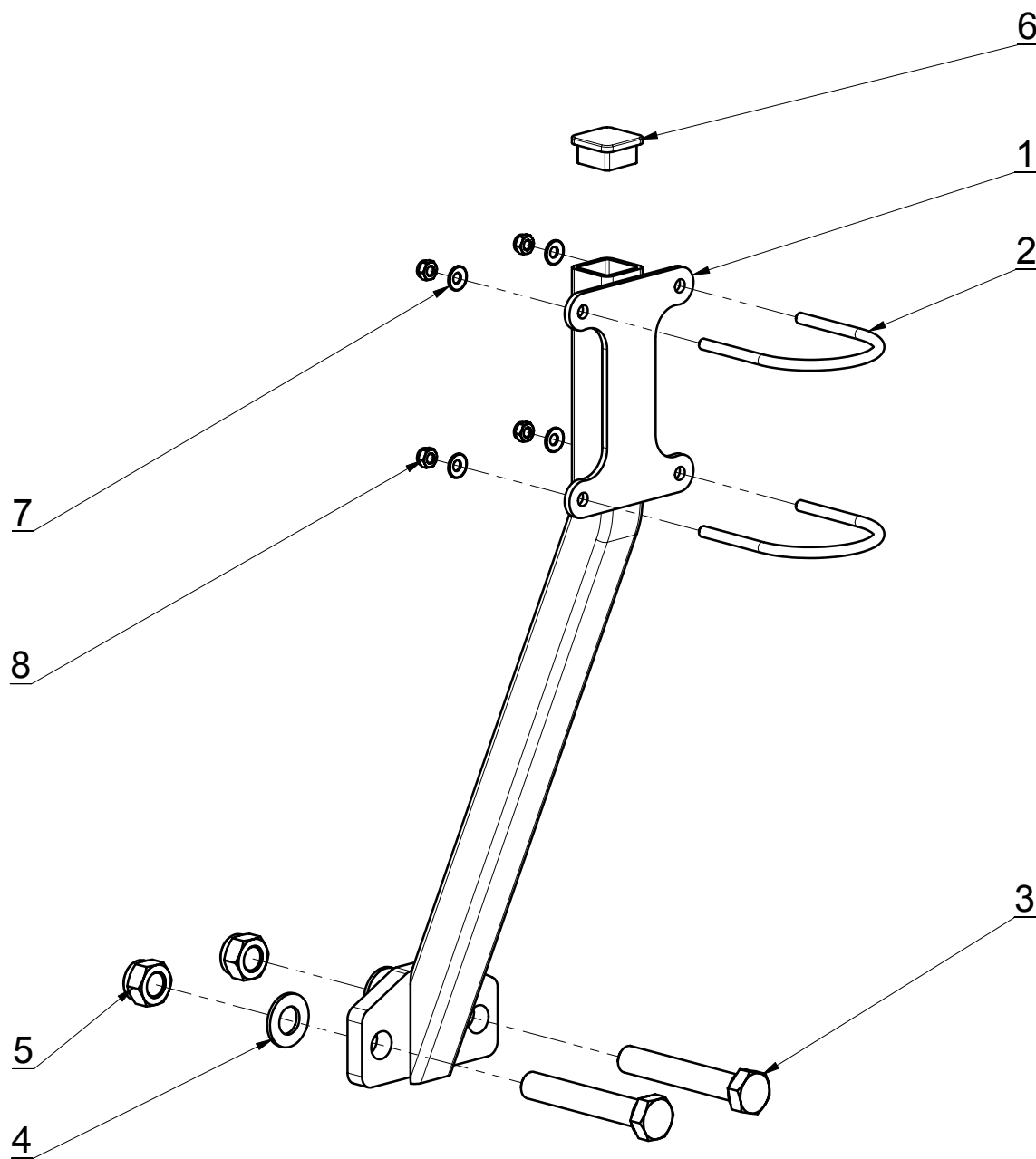


Distribution kit Ø90 - 24 x Ø25

Reference : SEM01-30-040

					Weight : 11.94 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-30-511a	Distribution duct Ø90	1	2.88	
2	SEM01-30-507	Distribution head main part	1	6.00	
3	SEM01-30-622	Distribution head plug	1	3.02	
4	VH8-016-FT	Screw H - M8 x 16 - 8.8 - bichromated yellow	3	0.012	

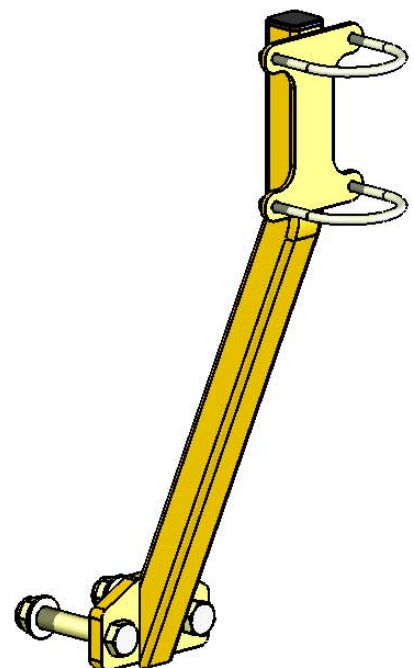


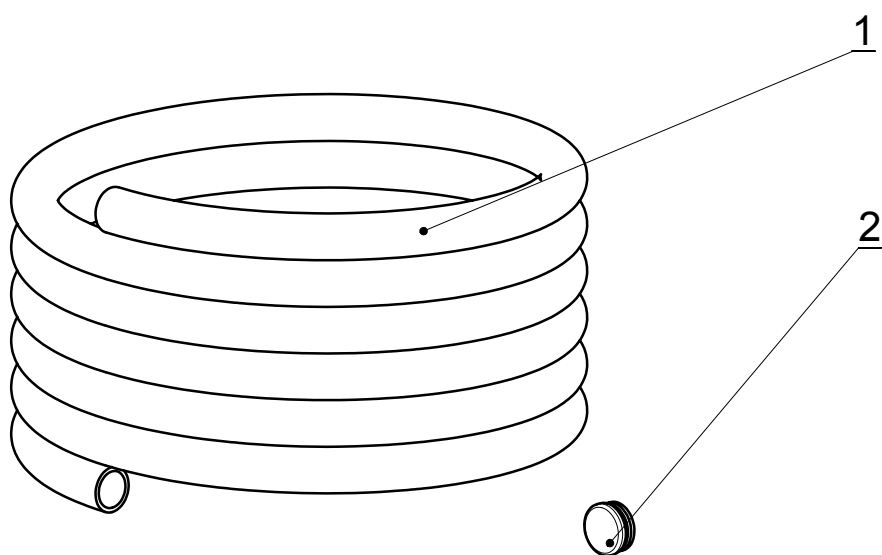


Distribution head support kit Ø90

Reference : SEM03-19-020

					Weight : 5.59 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM03-19-520	Distribution head support Ø90	1	4.38	
2	ETR-520	Stirrup cyl Ø8x90	2	0.11	
3	VH20-120	Screw H - M20 x 120 - 8.8 - bichromated yellow	2	0.372	
4	R20M	Average washer Ø20 - yellow electro zinc	2	0.02	
5	EN20	Nylstop Nut M20 - 8 - bichromated yellow	2	0.076	
6	CT40404	Tube-mask 40x40x4	1	0.01	
7	RDC8	Washer Ø8 - yellow electro zinc	4	0.002	
8	EN8	Nylstop Nut M8 - 8 - bichromated yellow	4	0.006	

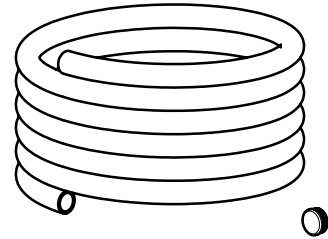




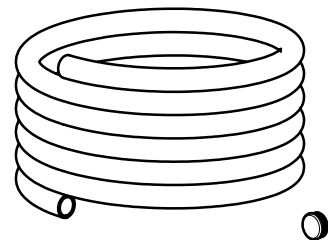
Spiral hose kit for DS750

Version 2,5m DOM8-13-001 / 3m DOM8-13-002 / 4m DOM8-13-003

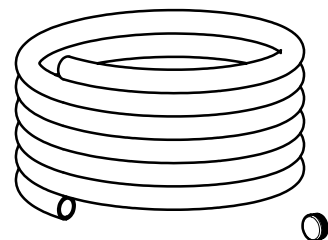
Version 2,5m - DOM8-13-001					Weight: 10,44 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	TUS-35	Spiral hose Øint. 35 - Øext. 41	38	0.27	
2	CT35-2	Tube-mask Ø35x1,5	4	0.006	

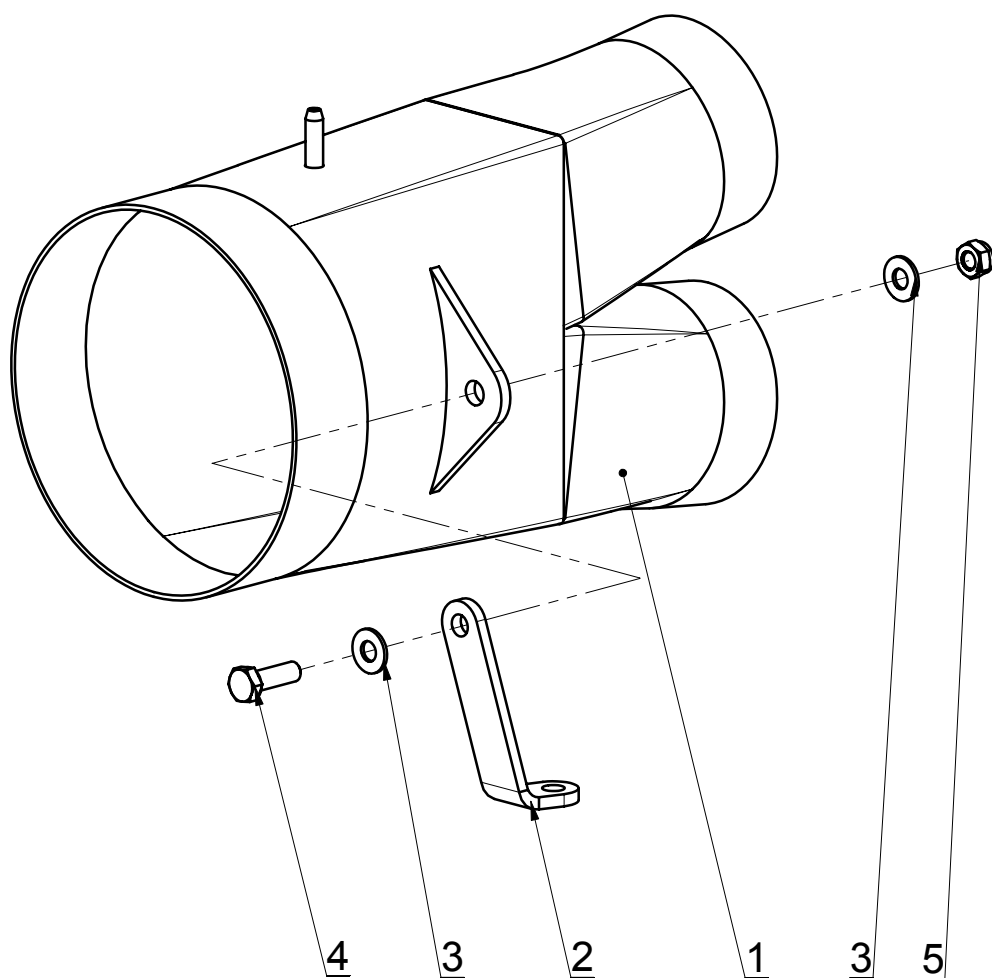


Version 3m - DOM8-13-002					Weight: 12,34 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	TUS-35	Spiral hose Øint. 35 - Øext. 41	45	0.27	
2	CT35-2	Tube-mask Ø35x1,5	1	0.006	



Version 4m - DOM8-13-003					Weight: 15,94 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	TUS-35	Spiral hose Øint. 35 - Øext. 41	58	0.27	
2	CT35-2	Tube-mask Ø35x1,5	8	0.006	

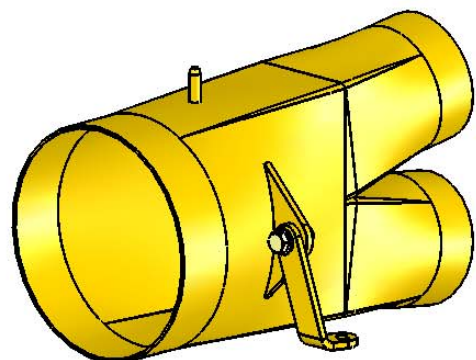


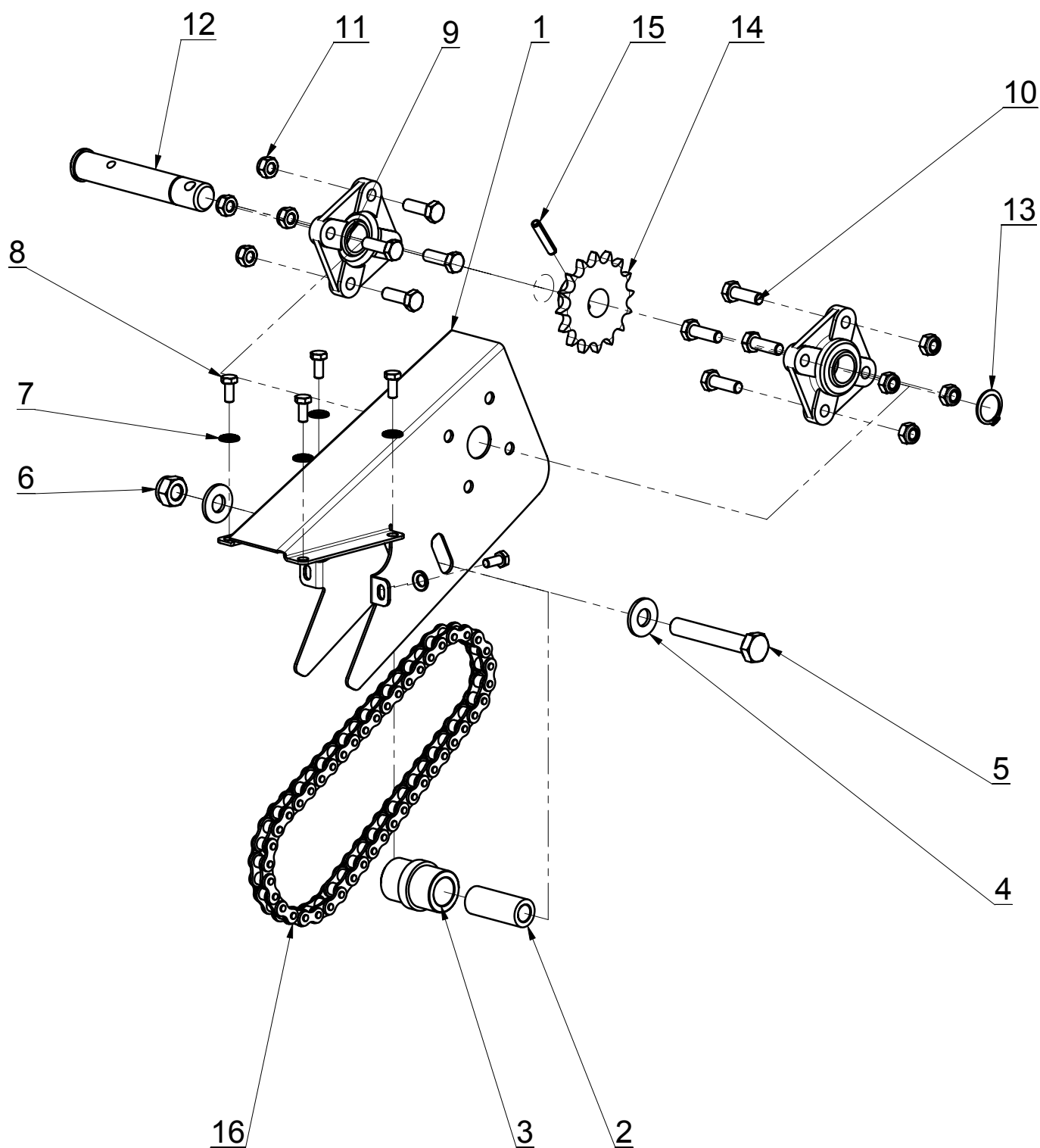


Connection kit

Reference : SEM01-29-022

					Weight : 2.64 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-29-510	Two outlet air manifold	1	2.54	
2	SEM01-29-604	Connection support	1	0.08	
3	R8M	Average washer Ø8 - yellow electro zinc	2	0.00	
4	VH8-025-FT	Screw H - M8 x 25 - 8.8 - bichromated yellow	1	0.016	
5	EN8	Nylstop Nut M8 - 8 - bichromated yellow	1	0.006	

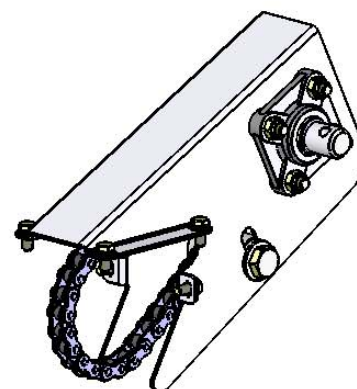


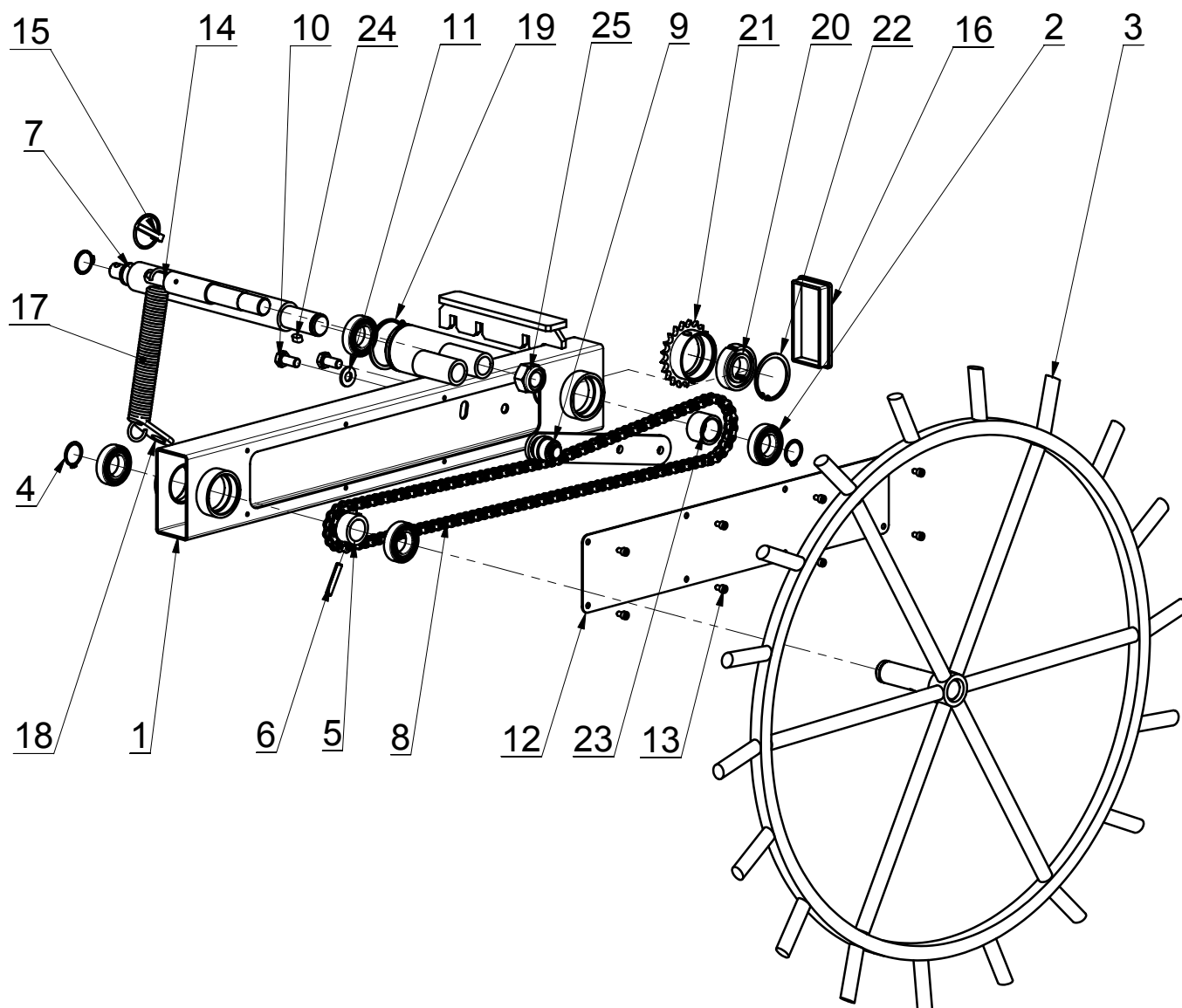


Single distribution drive kit

Reference : SEM02-21-010

					Weight : 2.96 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM01-21-620	Distribution drive chain casing	1	0.99	
2	SEM01-18-611	Swivel shaft for chain tension pulley	1	0.08	
3	SEM01-18-610	Chain tension pulley	1	0.02	
4	R12M	Average washer Ø12 - yellow electro zinc	2	0.01	
5	VH12-075	Screw H - M12 x 75 - 8.8 - bichromated yellow	1	0.085	
6	EN12	Nylstop Nut M12 - 8 - bichromated yellow	1	0.020	
7	RDC6	Washer Ø6 - yellow electro zinc	6	0.001	
8	VH6-014-FT	Screw H - M6 x 14 - 8.8 - bichromated yellow	6	0.006	
9	EFSM-20	Bearing - 4 holes Ø20	2	0.28	
10	VH8-025-FT	Screw H - M8 x 25 - 8.8 - bichromated yellow	8	0.016	
11	EN8	Nylstop Nut M8 - 8 - bichromated yellow	8	0.006	
12	SEM02-21-621	Gimbal joint exit axle	1	0.29	
13	CE20-1,2	External circlip 20x1,2	1	0.002	
14	PIGN12,7-16-1	Pinion 08B1-16 dents-12,7-Ø20	1	0.22	
15	GE06-30	Elastic pin Ø6x30	1	0.00	
16	SEM02-21-622	Chain - DIN 8187- Thread 12,7 - 46 links	1	0.47	

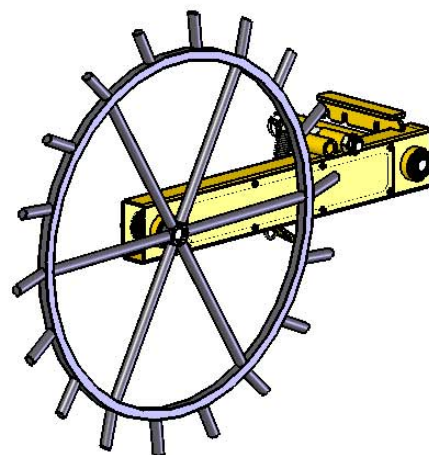


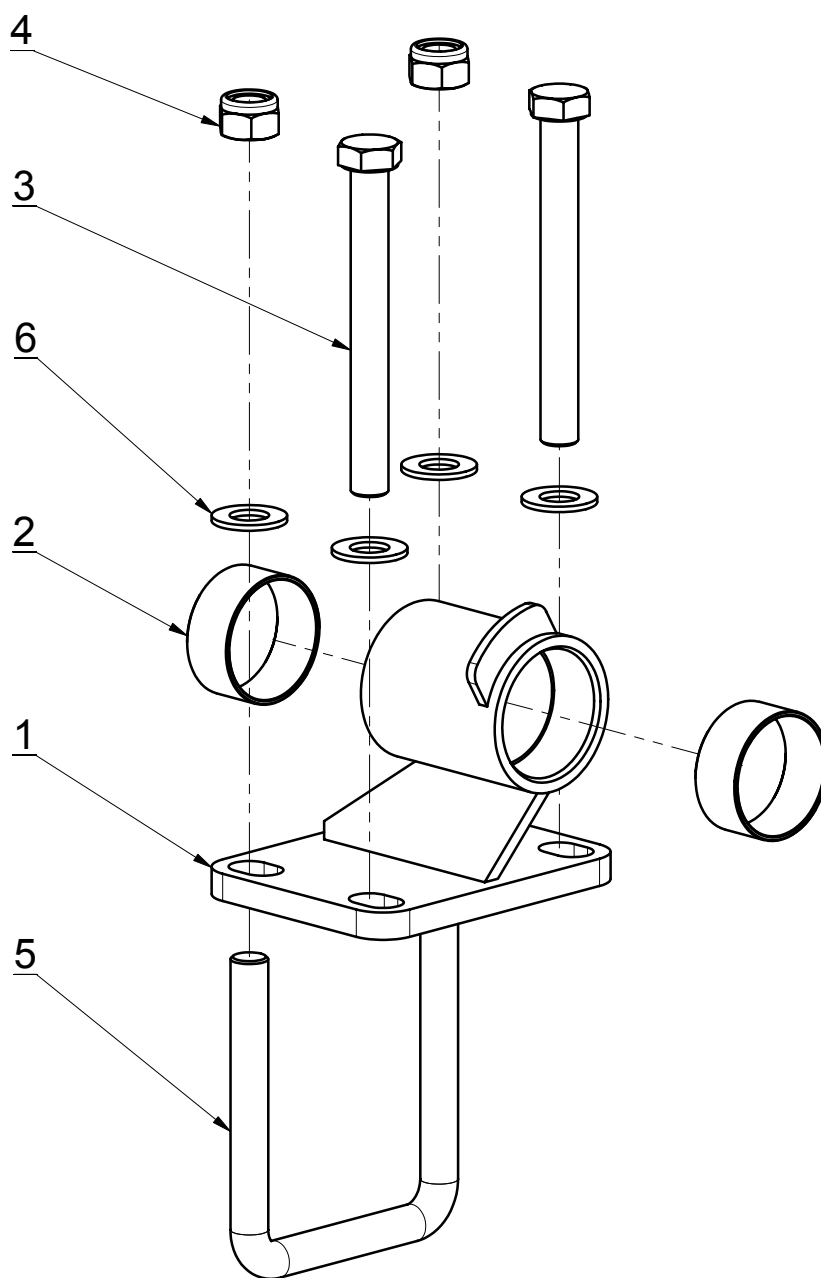


Sun wheel arms kit

Reference : SEM02-13-001

					Weight : 36.14 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM02-13-501	Sun wheel arms	1	10.44	
2	ROUL-515	Roll-on bearing Ø30x55x13 with joints	4	0.12	
3	SEM02-13-525	"Sun" wheel	1	16.37	
4	CE29-1,5	External circlip 29x1,5	3	0.003	
5	PIGN12,7-14-2	Pinion 08B1-14 teeth- 12,7- Ø30	1	0.181	
6	GE08-45	Elastic pin Ø8x45	1	0.01	
7	SEM02-13-603	Outer shaft for sun wheel	1	3.38	
8	DOM6-13-680	Chain - DIN 8187- Thread 12,7-128 links	1	1.30	
9	SEM02-13-002	Tension- pulley arm kit	1	0.60	
10	VH12-025-FT	Screw H - M12 x 25 - 8.8 - bichromated yellow	2	0.040	
11	R12M	Average washer Ø12 - yellow electro zinc	1	0.01	
12	SEM02-13-618	Sheet panel closure	1	1.01	
13	VCHC6-010-FT	Screw CHc - M6 x 10 - 8.8 - bichromated yellow	8	0.01	
14	SEM02-13-606	Lag stop axle	1	0.89	
15	GC-8	Bolt clip Ø8	1	0.03	
16	CT120603	Tube-mask 120x60x3	1	0.06	
17	GRG2000000	Traction spring Ø4 - Ø30 - 210	1	0.38	
18	SEM02-13-607	Spring attachment	1	0.11	
19	CE65-2,5	External circlip 65x2,5	1	0.016	
20	RL30-62-16	Free wheel Ø30	1	233.07	
21	SEM02-13-526	Pinion free wheel	1	0.26	
22	CI62-2	interior circlips Ø62 x 2	1	0.01	
23	SEM02-13-620	Cross piece	1	0.11	
24	CPA080715	Cotter pin 8x7x15	1	0.01	
25	EN24	Nylstop Nut M24 - 8 - bichromated yellow	1	0.132	

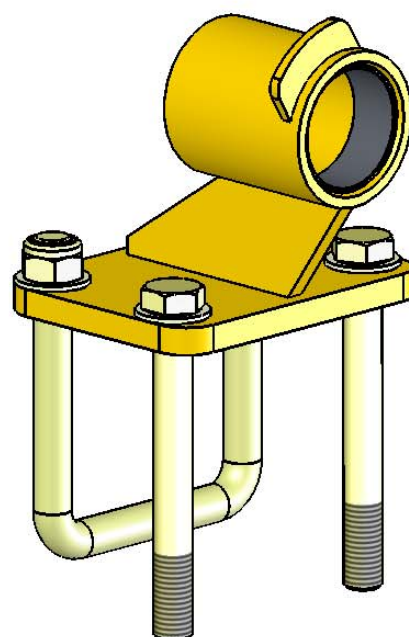


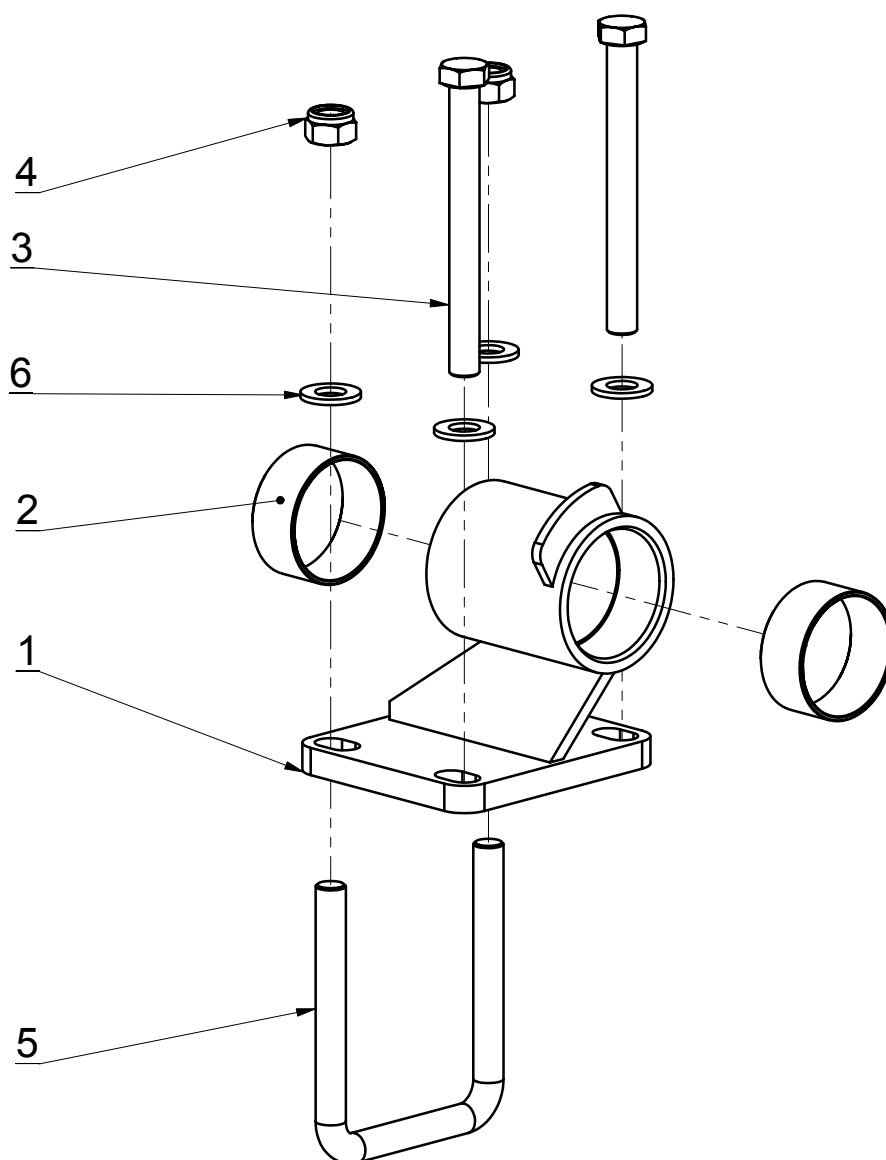


Sun wheel support kit (beam 120)

Reference : SEM02-13-003

					Weight : 7.21 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM02-13-505	Support for beam of 120	1	4.75	
2	BF-521	Friction ring Ø65 x 30	2	0.09	
3	VH20-180	Screw H - M20 x 180 - 8.8 - bichromated yellow	2	0.520	
4	EN20	Nylstop Nut M20 - 8 - bichromated yellow	2	0.076	
5	ETR-504	Square stirrup Ø20-120	1	1.15	
6	R20M	Average washer Ø20 - yellow electro zinc	4	0.02	

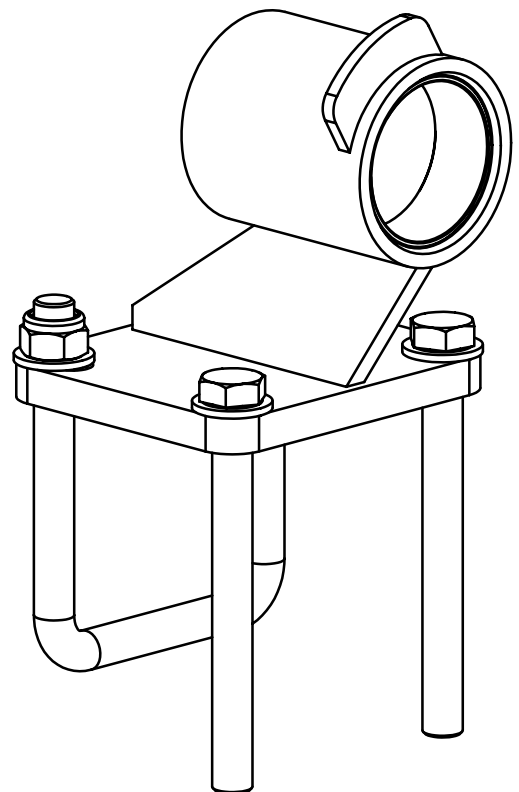


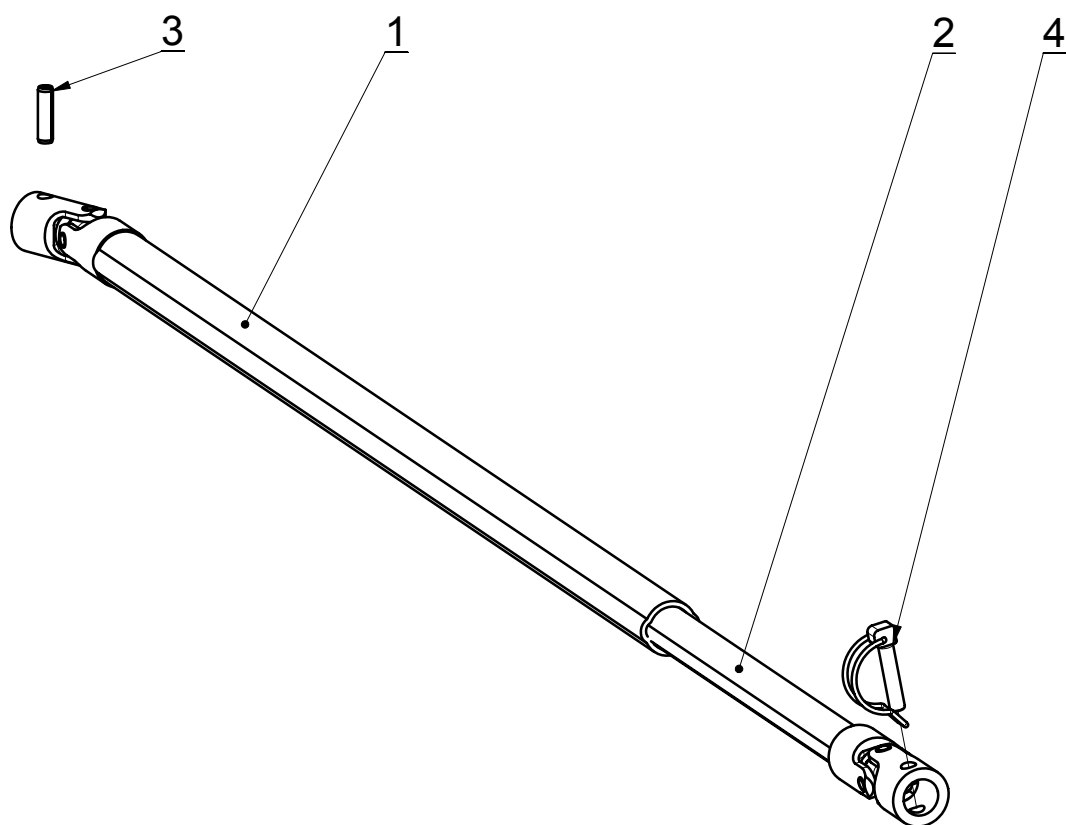


Support for beam of 100

Reference: SEM02-13-004

					Weight: 5.48 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	SEM02-13-504	Support for beam of 100	1	4.13	
2	BF-521	Friction ring Ø65 - 30	2	0.09	
3	VH16-160	Screw H - M16 x 160 - 8.8 - bichromated yellow	2	0.291	
4	EN16	Nylstop Nut M16 - 8 - bichromated yellow	2	0.039	
5	ETR-516	Square stirrup Ø16-100	1	0.63	
6	R16M	Average washer Ø16 - yellow electro zinc	4	0.01	



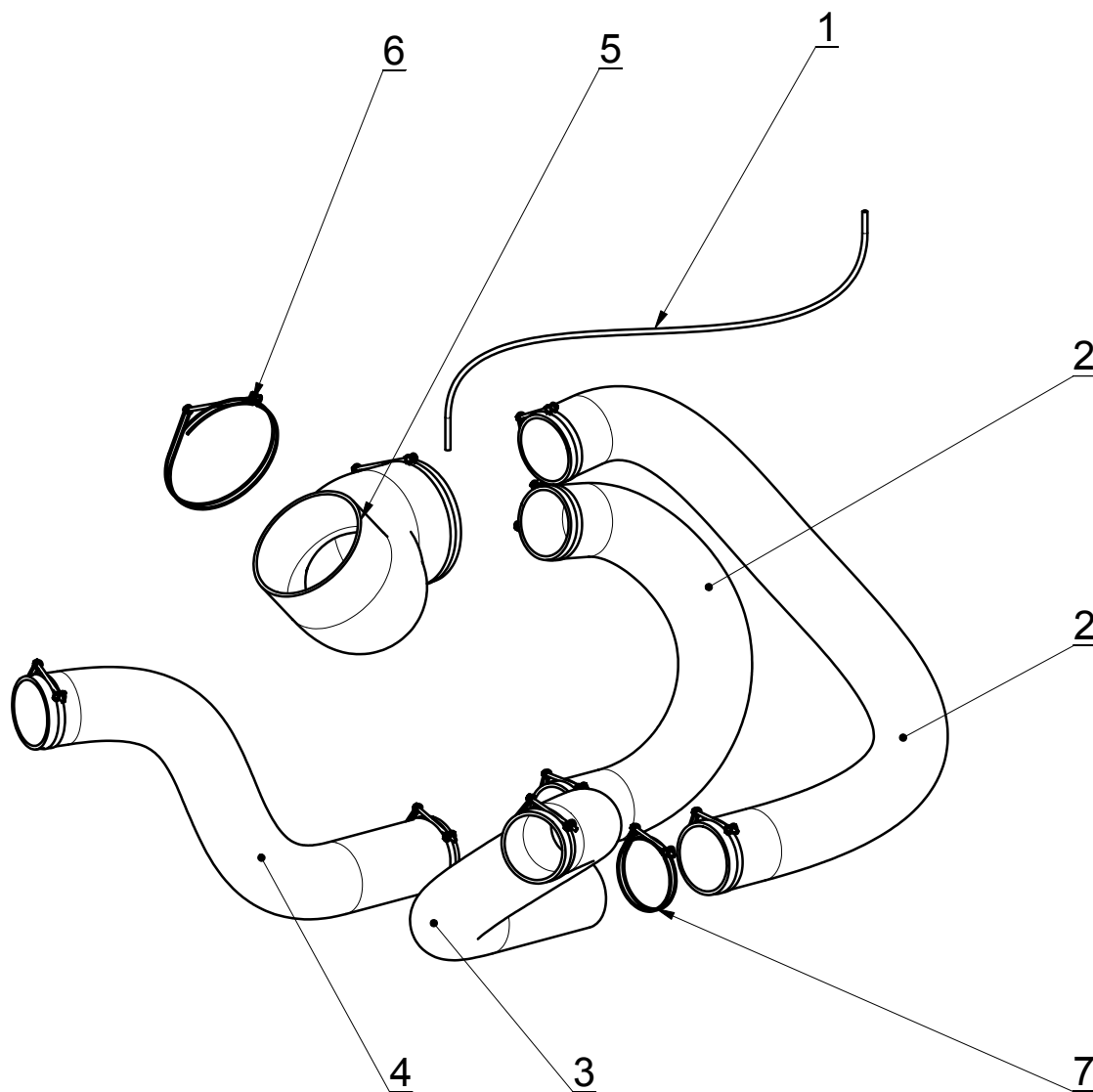


Cardan kit

Reference : CAR20-002

					Weight : 3.19 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	CAR20-501	Female gimbal joint tip	1	1.81	
2	CAR20-502	Male gimbal joint tip	1	1.35	
3	GE08-30	Elastic pin Ø8x30	1	0.01	
4	GM8x38	Mechanisation linch-pin Ø8x30	1	0.03	

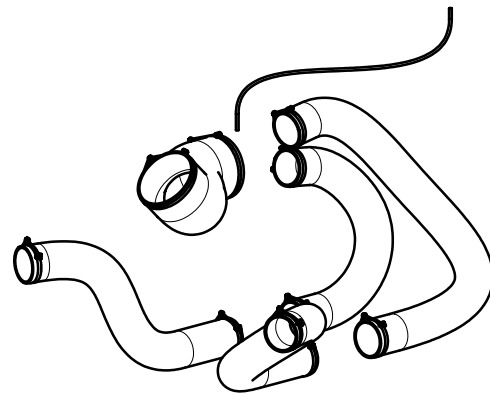


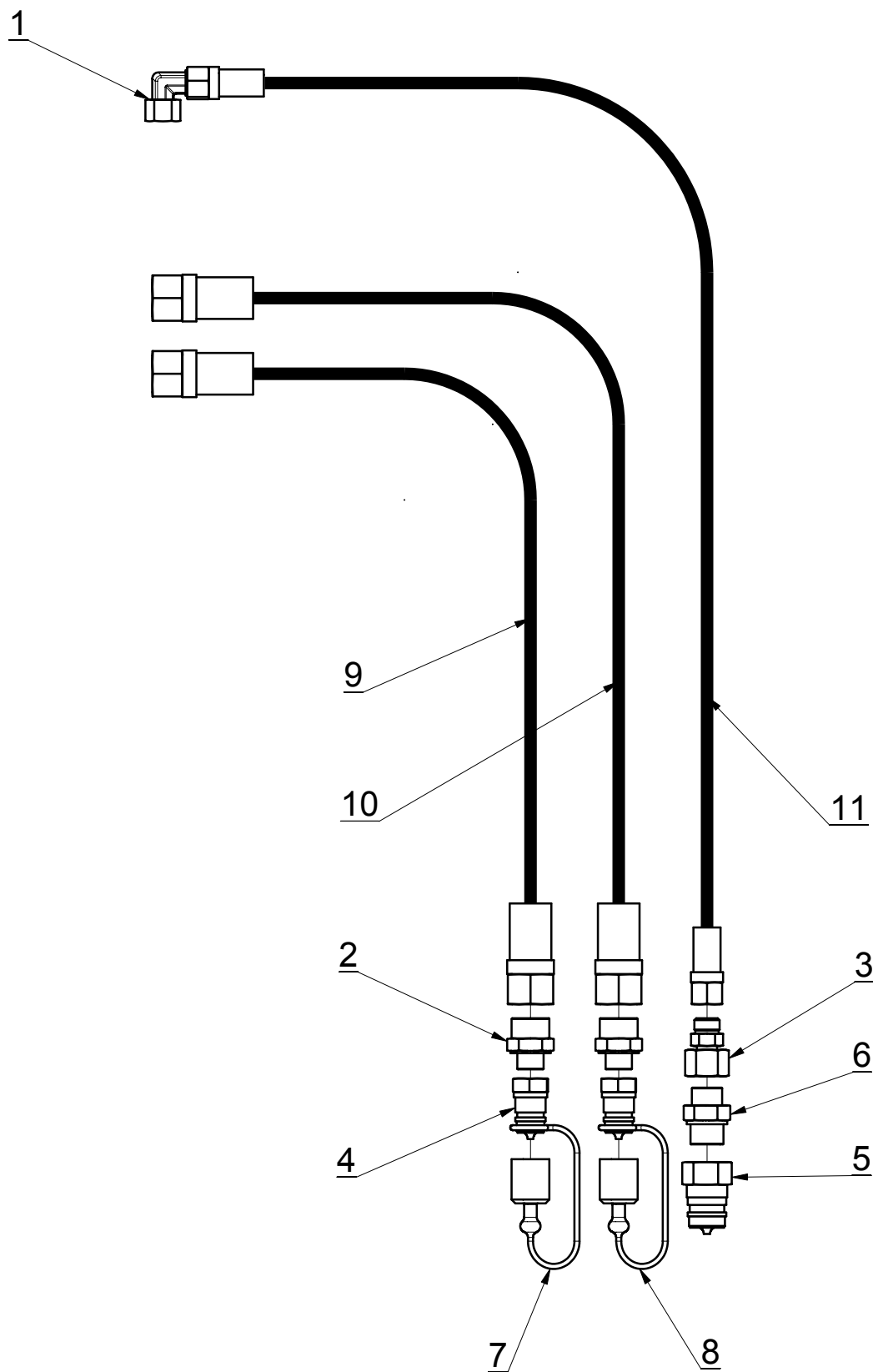


Hose kit

Reference: SEM03-32-003

					Weight: 4.66 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	TU-5	Silicon hose Ø5-8 lg 0.8m	1	0.13	
2	TUS-90	Spiral hose Ø90 lg 1,1m	2	0.83	
3	SEM03-32-611	Spiral hose Ø90 lg 0.8m	1	0.60	
4	SEM03-32-611	Spiral hose Ø90 lg 0.8m	1	0.60	
5	TUS-160	Spiral hose Ø160 lg 0.5m	1	1.05	
6	CDF-160	Double-threaded clamp Ø160	2	0.07	
7	CDF-90	Double-threaded clamp Ø90	8	0.05	





Hydraulic kit for DS750 seed-drill

Reference: SEM01-20-005

Disc-O-Mulch carried version - Reference: SEM01-20-005					Poids : 12.26 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	CT12S	Adaptable bend DIN 12S	1	0.11	
2	UM20S012R	Male union fitting 1/2" gas - DIN20S	2	0.12	
3	ADR16-12S	Rotating convertor DIN16S - DIN12S	1	0.16	
4	CHMC012	Male valve coupler 1/2" gas	2	0.11	
5	CHMC034	Male valve coupler 3/4" gas	1	0.24	
6	UM16S034R	Male union fitting 3/4" gas - DIN16S	1	0.16	
7	TF1521R	Female plug for male coupler CHMC012 red	1	0.02	
8	TF1521B	Female plug for male coupler CHMC012 blue	1	0.02	
9	2T-03500-20S20S	Flexible coupling 3,50m DIN20S - DIN20S	1	3.84	
10	2T-03500-20S20S	Flexible coupling 3,50m DIN20S - DIN20S	1	3.84	
11	2T-03500-12S12S	Flexible coupling 3,50m DIN12S - DIN12S	1	1.99	

Disc-O-Mulch trailed version - Reference: SEM01-20-006					Weight: 15.42 Kg
Seep	Reference	Description	Qty.	Weight	Comments
1	CT12S	Adaptable bend DIN 12S	1	0.11	
2	UM20S012R	Male union fitting 1/2" gas - DIN20S	2	0.12	
3	ADR16-12S	Rotating convertor DIN16S - DIN12S	1	0.16	
4	CHMC012	Male valve coupler 1/2" gas	2	0.11	
5	CHMC034	Male valve coupler 3/4" gas	1	0.24	
6	UM16S034R	Male union fitting 3/4" gas - DIN16S	1	0.16	
7	TF1521R	Female plug for male coupler CHMC012 red	1	0.02	
8	TF1521B	Female plug for male coupler CHMC012 blue	1	0.02	
9	2T-05000-20S20S	Flexible coupling 5,00m DIN20S - DIN20S	1	5.09	
10	2T-05000-20S20S	Flexible coupling 5,00m DIN20S - DIN20S	1	5.09	
11	2T-05000-12S12S	Flexible coupling 5,00m DIN12S - DIN12S	1	2.66	

