



SPECIFICATIONS

EXTRUSION PUMP

Model 40-300

Manual : 1004 573.047.212

Date : 1/04/10 - Supersede : 9/02/04

Modif. : Update

ORIGINAL MANUAL

IMPORTANT : before assembly and start-up, please read and clearly understand all documents relating to this equipment (professional use only).

PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR NOTICE.

ADDITIONAL DOCUMENTATIONS FOR PUMP, MODEL 40-300

SPARE PARTS :	Wall mounted unit	(doc. 573.254.050)
	Fluid section	(doc. 573.523.040)
	Motor	(doc. 573.507.040)
	Reversing block	(doc. 573.087.040)

KREMLIN - REXSON

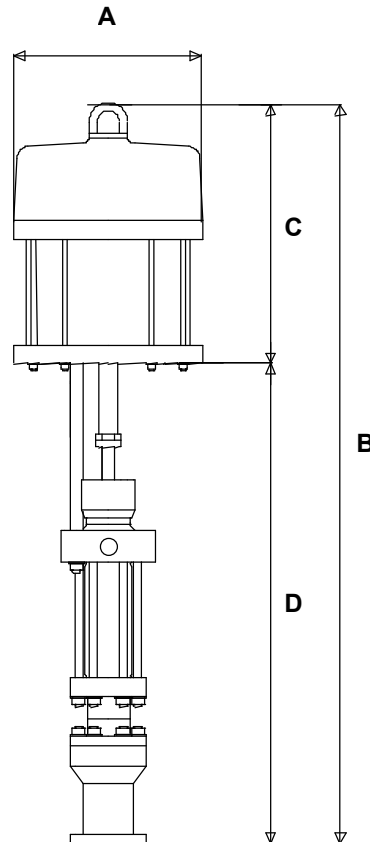
150, avenue de Stalingrad
93 245 - STAINS CEDEX – France

☎ : 33 (0)1 49 40 25 25 Fax : 33 (0)1 48 26 07 16

www.kremlin-rexson.com

■ DIMENSIONS

Ind.	A	B	C	D
mm	∅ 380	1 420	520	900
"	∅ 15	56	21	36



2. MAINTENANCE



WARNING :

Before any intervention on the pump, shut off the compressed air supply, depressurize the circuits by triggering the gun and opening the drain valve.

Guards (motor cover, coupling shields, connectors,...) have been designed for a safe use of the equipment.
The manufacturer will not be held responsible for bodily injury or failure and / or property damage due to destruction, the overshadowing or the partial or total removal of the guards.

■ DISASSEMBLY OF THE FLUID SECTION, MODEL 300 WITH PALLET

- Disassemble the fluid section from the air motor.
- Disassemble the fluid section from the follower plate.
- Unscrew the pump wetting-cup (20).
- Remove the nuts (3) and the tie-rods (4).

Remove the upper flange (21).

→ Extract the A packing.

Push the piston (26) downwards.

Unscrew the nut (41).

→ Extract the filling valve (39).

Dissociate the cylinder (23) from the intermediate flange (5).

→ Take off the piston (26).

→ Extract the B packing by unscrewing the seat of the exhaust valve (34).

Unscrew the screws (24) to dissociate the intermediate flange (5) from the lower flange (15).

→ Remove the suction valve (6), the valve seat (14) and the seals (13).

■ REASSEMBLY

Change all flat seals - Lubricate them. Change all the paper seals.

Clean all the parts with white spirit or with an appropriate cleaning solvent.

UPPER PACKING

Lubricate the chevron seals (28 & 29). Install them as well as the rings (27-42-43) into the upper flange (21). **Make sure you properly install the parts (refer to detail on drawing).**

Screw the cup (20) by hand without tightening on the upper flange (21).

Insert piston (26) into parts (21, A, 20) from the bottom to the top.

LOWER PACKING

Install the chevron seals (28 and 29), the support washers (30 and 32) and 1 or 2 setting washer (s) into the exhaust valve seat (34). **Make sure you properly install the parts (refer to detail on drawing).**

Position the whole into exhaust valve (35) and tighten it via the valve nut (31).

Screw and tighten the exhaust valve (35) into the piston (26).

First, apply low strength - Aneorobic Adhesive - Loctite 222 to prevent from the unscrewing of the whole.

Lubricate the seals (28 and 29) mounted on the exhaust valve as well as the cylinder inside (23) to prevent from damaging the seal when assembling.

Install the intermediate flange (5) on the cylinder (23). Do not forget to change the cylinder seals (22).

Fix the whole by means of the 6 tie-rods (4), of the washers (2) and of the nuts (3). Screw the nuts on the tie-rods and torque to 8 m/kg.

SUCTION VALVE

Screw the filling tie (36) onto the exhaust valve (35).

Position the suction valve (6), the valve seat (14) and its 2 seals (13) into the intermediate flange (5).

Install the lower flange (15) onto the intermediate flange (5). Assemble the 2 parts by means of the 12 screws (24) and the washers (25).

Install lower flange (15) with paper seal (16) and assemble the whole on the adaptation flange (17) by means of the 6 screws (19). Do not forget the paper seal (18).

FILLING VALVE

Insert the valve stop (37), the filling washer (39) into the filling tie (36). Assemble the parts via the washers (40) and the nut (41).

Caution : after reassembling on the air motor, fill up the pump with lubricant, supply the pump with air and gradually increase pressure to maximum (for the setting of the seals).

After half an hour, depressurize the pump and check the torque.

