

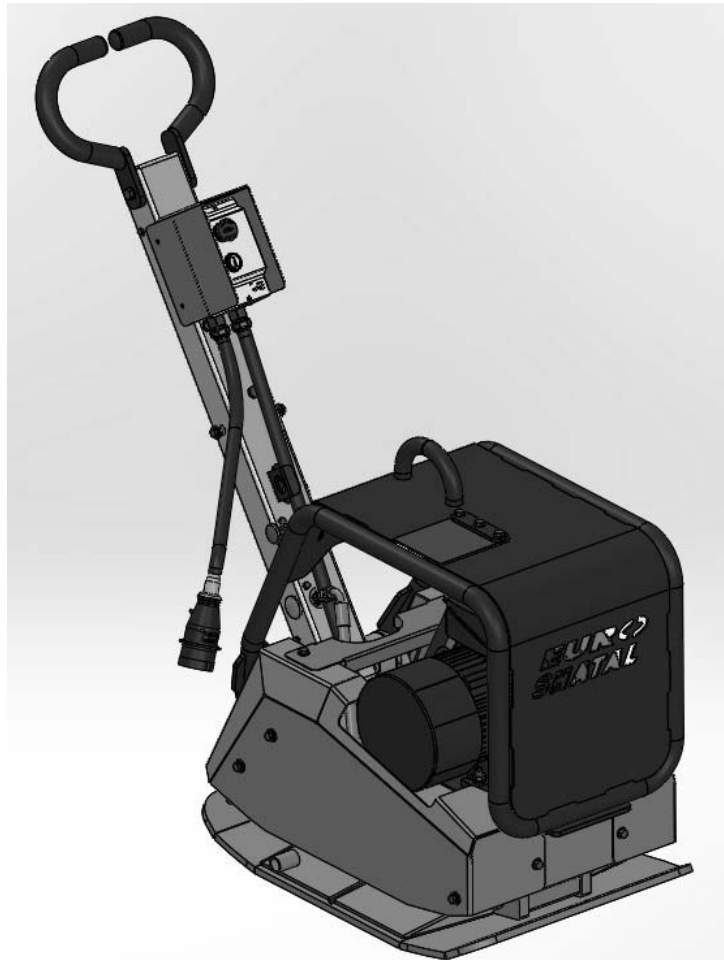


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RP3014E-50



OPERATING INSTRUCTIONS & SPARE PARTS LIST REVERSIBLE PLATE COMPACTORS



ENGLISH
CE DECLARATION OF CONFORMITY

We hereby declare that the equipment described below conforms to the relevant fundamental safety and health requirements of the appropriate CE Directives, both in its basic design and construction. This declaration will cease to be valid if any modifications are made to the machine without our expressed approval.

Product: Vibratory Plate Compactors : **RP3014E-50**

The said product has been sound tested per Directive 2000/14/EC

Conformity Assessment Procedure	Measured sound power level	Guaranteed sound power level
Annex VI	103 dB(A)	105 dB(A)

Relevant CE Machinery Safety Directives : **2006/42/EC, 2004/108/EC, EN500-1, EN500-4, 2000/14/EC**

Appropriate internal measures have been taken to ensure that series-production units conform at all times to the requirements of current CE Directives and relevant standards. The signatories are empowered to represent and act on behalf of the company's management.

DANSK
CE OVERENSTEMMELSEDEKLARATION

Vi erklærer hermed, at det nedenstående produkt er fremstillet i overenstemmelse med de tilhørende og fundamentale sikkerheds- og sundhedsbetingelser fra de behørigte CE direktiver, både i dets grundliggende formgivning og konstruktion. Denne deklaration vil ophøre med være gyldig, hvis der bliver foretaget nogen som helst ændring på maskinen uden vores tydelige tilladelse.

Produkt: Frem/bak-pladevibrator : **RP3014-50**

Dette produkt er blevet støjtestet jf. direktiv 2000/14/EC

I overenstemmelse med vurderingsprocedure	Målt lydstyrkeniveau	Garanteret lydstyrkeniveau
Annex VI	103 dB(A)	105 dB(A)

Relevant CE maskinsikkerhedsdirektiv : **2006/42/EC, 2004/108/EC, EN500-1, EN500-4, 2000/14/EC**

Der er foretaget interne forholdsregler for at sikre, at produkter, der er fremstillet i serieproduktion, altid efterlever foreskrifterne fra gældende CE direktiver og relevante standarder. Underskrifterne har tilladelse til at representere og handle på vegne af firmaets ledelse.

DEUTSCH
CE BESTÄTIGUNG VON DEKLARATION

Wir erklären, dass das beschriebene Produkt sich an die relevante, fundamentale Sicher- und Gesundheits-behörden in die passende CE Direktiven richten, auch in seinem grundsätzlichen Design und Konstruktion. Diese Deklaration verliert seine Gültigkeit, falls irgend eine Modifikation auf der Maschine ohne unsere Zulassung gemacht wird.

Produkt: Rüttelplatte - Modell : **RP3014-50**

Das genannte Produkt ist von der Direktiv 2000/14/EC getestet worden

Gemäss Prozedure	Gemessen Lautstärke	Garantierte Lautstärke
Annex VI	103 dB(A)	105 dB(A)

Relevante CE Maschinesicherheitsdirektiven : **2006/42/EC, 2004/108/EC, EN500-1, EN500-4, 2000/14/EC**

Wir haben interne Vorsichtsmassnahmen genommen, die Einheiten der Serienproduktion immer laut die Verlangen der laufenden CE Direktiven zu sichen und die relevanten Standards zu erfüllen.

Die Signatures sind in Auftrag der Management der Firma repräsentiert.

PORTUGUÊS
CE DECLARAÇÃO DE CONFORMIDADE

Nós declaramos que o equipamento abaixo descrito está conforme o fundamental e relevante das normas de construção e segurança das Directivas CE apropriadas. Esta declaração cessa a validade se alguma modificação for efectuada na máquina sem a nossa expressa aprovação.

Produto: Placa Vibratória Compactora : **RP3014-50**

O referido produto foi testado no nível de ruído em conformidade com a Directiva 2000/14/EC

Procedimento de avaliação de conformidade	Nível de potência sonora medido	Nível de potência sonora Garantido
Annex VI	103 dB(A)	105 dB(A)

Directivas CE de segurança máquina relevantes : **2006/42/EC, 2004/108/EC, EN500-1, EN500-4, 2000/14/EC**

Medidas internas apropriadas foram tomadas para assegurar que esta série/produção está sempre conforme os requirements das Directivas CE correntes e outras Satandard. Os signatários foram autorizados a representar e assinar em representação da companhia assinada.

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**Josef Levy
GENERAL MANAGER**



Esbjerg V, October 2008

ENGLISH

- Laws governing safety aspects on machinery may vary between countries but the following guides will be useful to all operators:
- Before starting, carefully read the machine maintenance and operating manual and follow all the instructions.
- Connect to three phase electric power socket, with 16 A, 380 V.
- In case of electrical outage, turn the operation switch off before further operation.
- Turn the operation switch off, after all machine use.
- Never operate the machine without the belt guard.
- Keep hand and feet away from moving parts while the machine is running.
- Operating the machine is advisable only with good lighting conditions.
- Hearing protection must be worn.
- Foot protection must be worn.
- Do not touch hot surfaces.

DANSK

- Sikkerhedslovgivningen på maskiner kan være forskellige landene imellem, men de følgende retningslinier er nyttige for alle operatører.
- Før start, venligst læs maskinens service og brugsanvisning, følg alle instruktioner nøje.
- Brug aldrig maskinen uden remskive beskyttelse.
- Hænder og fødder skal holdes væk fra alle bevægelige dele når maskinen kører.
- Brug ikke maskinen i lukkede rum, eller ved brandfarlige områder.
- Anvend maskinen kun når der er god belysning.
- Hørevern er altid påbudt.
- Sikkerhedssko er altid påbudt.
- Rør aldrig ved varme flader.

DEUTSCH

- Die Sicherheitsgesetze für Maschinen können verschieden sein, aber die folgende anleitungen sind für alle operatoren verbindlich.
- Vor Arbeitsbeginn bitte Bedienungs – und Wartungsanleitung sorgfältig lesen und allen Empfehlungen folgen.
- Bitte die Maschine nie ohne Keilriemengehäuse benutzen.
- Bitte Hände und Füße entfernt halten von allen beweglichen Teilen während die Maschine läuft.
- Bitte die Maschine nicht in feuergefährlichen oder geschlossenen Räumen benutzen.
- Bitte nur die Maschine benutzen wenn eine gute Beleuchtung vorhanden ist.
- Gehörschutz muss immer getragen werden.
- Sicherheitsschuhe müssen immer getragen werden.
- Heisse Flächen bitte nicht berühren.

DUTCH

- Wetgeving inzake veiligheidsaspecten van machines kunnen verschillen naargelang het land. Volgende gids kan door iedere gebruiker gebruikt worden.
- Voor het starten zorgvuldig de instructiehandleiding doorlezen, alle instructies moeten gevolgd worden.
- Nooit de machine gebruiken zonder V-snaarbescherming.
- Houd altijd handen en voeten weg van bewegende delen terwijl de machine loopt.
- Gebruik de machine niet in gesloten en brandgevaarlijke ruimtes.
- Gebruik alleen de machine bij goede verlichting.
- Gehoorbescherming moet altijd gedragen worden.
- Veiligheidsschoenen moeten altijd gedragen worden.
- Nooit warme vlakken aanraken.

PORTUGUÊS

- Antes do arranque, leia com atenção o manual de operação e manutenção do motor e siga todas as Instruções.
- Nunca opera a máquina sem a guarda da correia.
- Não utilize o aparelho em locais fechados e ambientes inflamáveis.
- Use gasolina sem chumbo.
- Pare o motor antes de encher o tanque de combustível. Nunca reabastecer perto de uma chama, ou faíscas, que poderiam começar um incêndio. Não fume. Use somente combustível puro e limpo no enchimento dos equipamentos. Tome cuidado de não derramar combustível.
- Antes de arrancar o motor certifique-se que não está ninguém na área perigosa próximo do motor ou equipamento, e que as guardas de protecção estão colocadas.
- É aconselhável operar a máquina em boas condições de iluminação.
- Protecção auricular deve ser usada.
- Protecção aos pés deve ser usada.



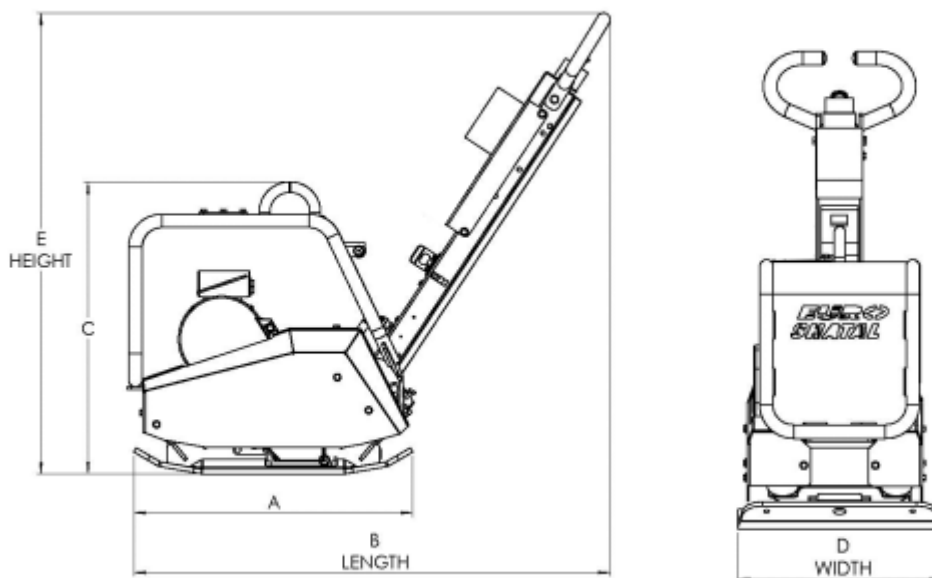
TECHNICAL SPECIFICATIONS

MODELS Cat. No.	RP3014E-50
WEIGHT	
Net Weight kg.	196
COMPACTION DATA	
Vibr. Frequency Hz	81
Centrifugal Force kg.	3000
Compaction Area m ² /hour	600
OPERATION DATA	
Max. Traveling speed m/min	20
CAPACITIES	
Oil for gear box liters SAE 15W/40	1.0
DRIVE MOTOR	
Output HP	5.5
Engine speed rpm	2840
NOISE AND VIBRATIONS	
Sound power level according to ISO 5349 (*)	
Measured sound power level L _{WA} =dB(A)	103
Vibration values a=m/s ²	The hand – arm vibration values according to ISO 5349
	2.3

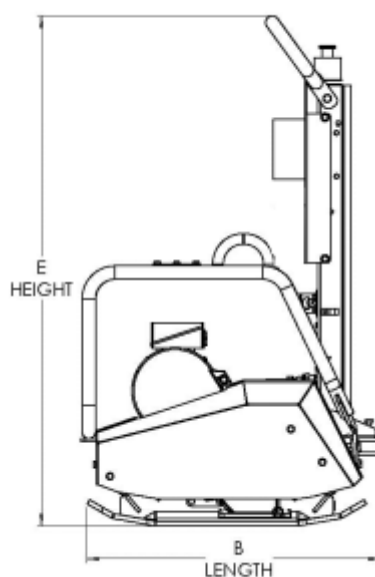
(*) The above noise level and vibration values were determined at normal speed of the engine.

DIMENSION

HANDLE IN THE WORKING POSITON



HANDLE IN THE FOLDING POSITON



MODEL	A mm	B Working Position mm	B Folding Position mm	C mm	D mm	E Working Position mm	E Folding Position mm
RP3014E-50	710	1230	770	750	500	1150	1140



TRANSPORT TO WORK SITE :

- To avoid burns or fire hazards, let engine cool before transporting machine or storing indoors.
- Tie the machine to the vehicle to prevent sliding or tipping over.

INSTRUCTION FOR LIFTING MACHINE: SEE PICTURES 11 PAGE 7

- Never walk or stand under a machine being lifted.
- Use only the frame lifting hook (1) for lifting the machine.
- Use only tested and authorised lifting equipment. Before lifting check that vibration damper and protecting frame are correctly attached and not damaged.

OPERATION:

SAFETY CHECK BEFORE CONNECTING THE MOTOR POWER CABLE TO A POWER SOURCE- SEE PICTURES 1-2 PAGE 7

1. Press the stop button on the operation switch. (as shown in picture 1).
2. Connect the power cable to a 3 phase 16A 380V power source. (as shown in picture 2).

MOTOR WORKING DIRECTION TEST - SEE PICTURES 3-8 PAGE 7

1. Connect the power cable to a 3 phase 16A 380V power source (as shown in picture 3).
2. Check that the stop button isn't compressed or rotated
3. Press the start button on the operation switch momentarily and immediately press the stop button on the operation switch (as shown in picture 4,5).
4. Check the motor rotation direction. If the motor rotates in the same direction as the arrow (shown in picture 6), then the motor is rotating in the working direction and can be operated safely. If the motor rotates in the opposite direction as the arrow (shown in picture 6), then the phase inversion switch must be rotated 180 degree's with a flathead screwdriver (as shown in pictures 7,8). The motor should now be operating in the working direction and can be operated safely.

Note: Only operate the motor in the working direction

Check the working direction every time the motor power cable is plugged into a new power source that hasn't been checked.

TURNING ON THE MOTOR-SEE PICTURES 9-10 ON PAGE 8.

1. Connect the power cable to a 3 phase 16A 380V power source (as shown in picture 9).
2. Check that the stop button isn't compressed or rotated
3. Press the start button on the operation switch (as shown in picture 10)

OPERATING THE MACHINE

1. Lower the handle to the working position.
2. Let the compactor progress at its normal speed while guiding it in a straight line.
3. Three or four passes depending on the material are normally required to achieve the best compaction.
4. The soil must be moist to achieve the best compaction.
5. It must not be too wet nor too dry so that dust is created.
6. Do not operate the compactor on hard surfaces or concrete.
7. Attach a polyurethane plate under the compactor when compacting paving stones.

STOPPING THE MOTOR - SEE PICTURES 11,12 ON PAGE 8

1. Press the stop button on the operation switch. (as shown in picture 11).
2. Disconnect the power cable (as shown in picture 12).

IMPORTANT ADVICE :

The manufacturer declines all responsibility for loss or damage resulting from misuse or any modification or alteration that does not conform to the manufacturer's original specifications.

At the workstation, the sound pressure level may exceed 85 db (A). In this case individual protection measures must be taken

SPARE PARTS ORDERING :

When ordering spare parts, please mention machine serial no., part no. and description.

SCRAPPING :

In the event of deterioration and scrapping of the machine, the following items must be disposed of in accordance with the requirements of the legislation in force.

Main Materials:

1. Motor : Aluminium (AL), Copper (CU), Polyamide (PA)
2. Machine : Steel sheet (AC)

The instructions for use and spare parts found in this document are for information only and are not binding. As part of our product quality improvement policy, we reserve the right to make any and all technical modifications without prior notice.

MAINTENANCE SCHEDULE :

Check all external screw connections for tight fit approx. 8 hours after first operation.		
Parts	Maintenance	Maintenance interval
General	Remove all dirt, stones etc. from the compactor after each day of operation..	daily
Belts	Check tension and wear – replace if necessary.	weekly
Motor	See Motor manufacturers handbook	

MAINTENANCE :**Monthly maintenance:**

- Perform maintenance work on Motor according manufacturer's instructions.
- Check belt tightness and tighten if necessary.
Belts should be move 10 –15 mm when pushed by the thumb.
- Check and retighten bolts and nuts.

SAFETY CHECK BEFORE PLUGGING IN THE MOTOR

1.



2.



MOTOR WORKING DIRECTION TEST

3.



4.



5.



6.



7.



8.



OPERATING

9.



10.



STOPPING THE MOTOR

11.



12.





INSTRUCTIONS FOR ORDERING PARTS

Please State Machine Details in the Following Sequence:

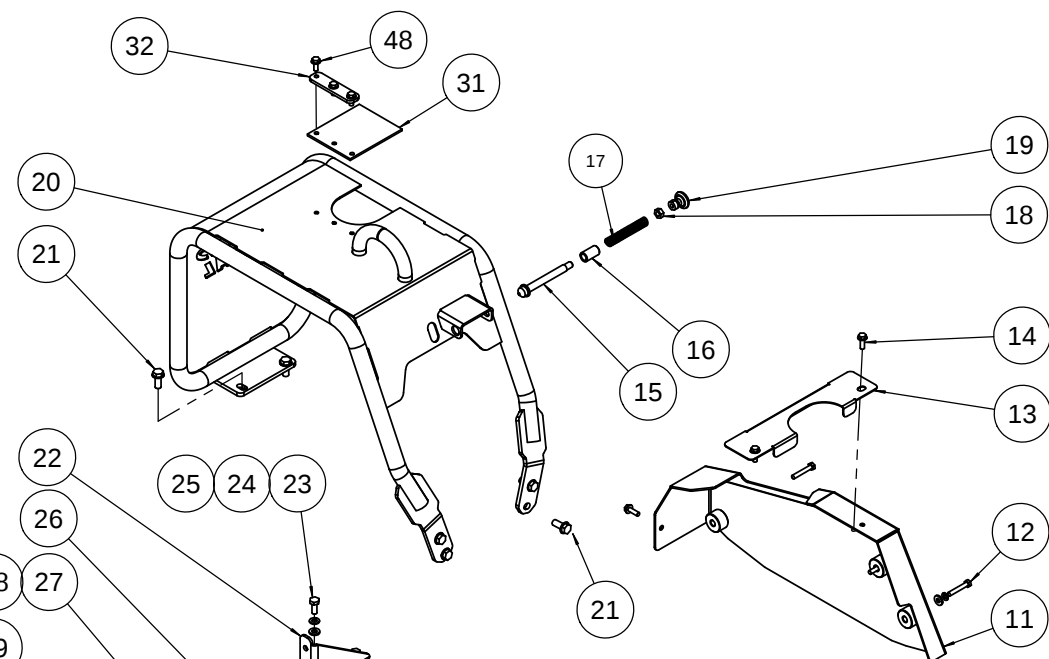
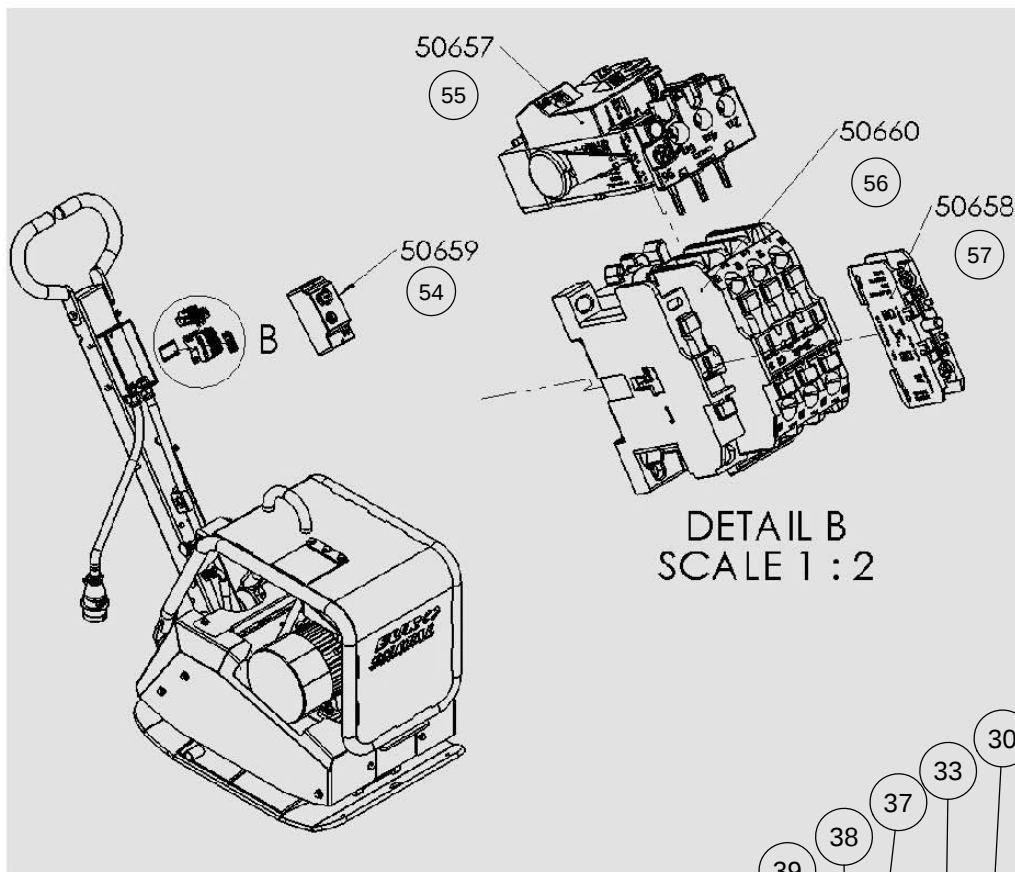
- Machine Serial Number
- Part Number, Description and Quantity of Parts
- Full Delivery Address

Manufacturers Liability and the Use of Genuine Spare Parts

Liability for this machine is accepted only when the machine is defective from the outset. Liability is reduced or nullified in the event that the user fails to comply with the operating and maintenance instructions and uses spare parts which are not guaranteed.

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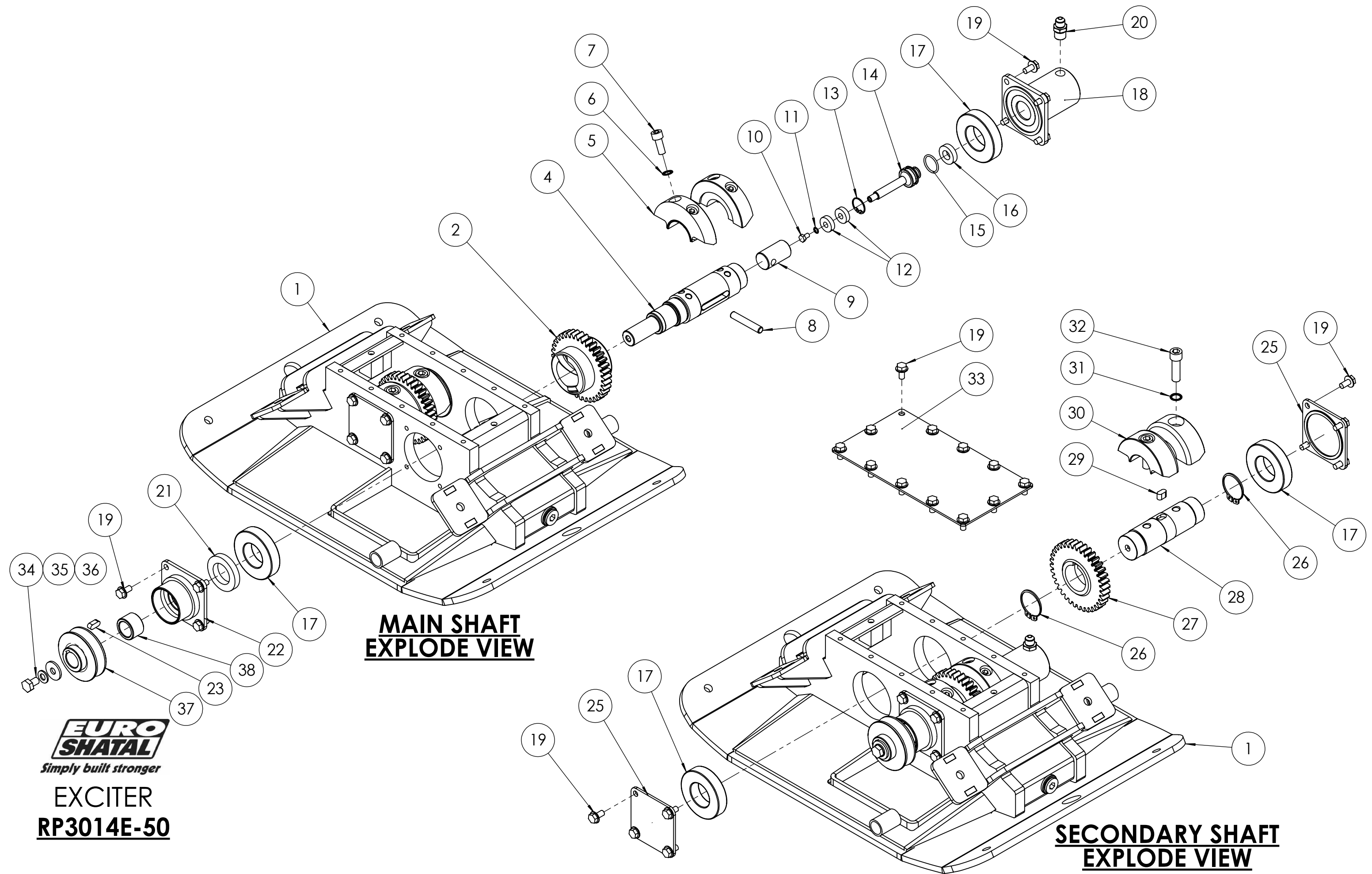
VIBRATORY PLATE
RP3014E-50

OCT, 2016
UPDATED OCT.2017

Vibratory plate

No.	Part No.	Qty.	Description	No.	Part No.	Qty.	Description
1	11402120	1	Baseplate for RP3014-50	26	11402145	1	Engine base
2	40527.2	4	Shockmount	27	-----	2	Hex. Head screw
3	11402156	1	Connecting plate	28	-----	2	Lock washer
4	-----	8	Hex. Head screw	29	I50512	1	5.5 HP motor
5	-----	8	Lock washer	30	-----	4	Hex. Head screw
6	-----	2	Hex. Head screw	31	11401223	4	Rubber cover for hatz cage
7	-----	2	Lock washer	32	11401199	4	Rubber top plate for cage
8	11401170	1	Handle	33	11402170	1	Inner belt guard
9	1110198	1	Nipple	34	-----	3	Hex. Head screw
10	11401903	1	Hydraulic pipe	35	-----	3	Lock washer
11	11402188	1	Right cover	36	-----	3	Washer
12	11401917	10	Hex. Flange bolt with teeth	37	P50754	1	Centrifugal clutch
13	11402184	1	Cover joining plate	38	11403923	1	Washer
14	11401915	2	Hex. Flange bolt with teeth	39	116901	1	Schnorr locking disc spring
15	11401197	1	Handle locking pin	40	-----	1	Hex. Head screw
16	11401204	1	Handle locking bush	41	508957	1	Belt
17	11401914	1	Spring	42	ZGS90107	1	PVC Seal
18	-----	1	Nut	43	11402161	1	Belt guard
19	11401198	1	Knob	44	11402159	1	Left cover
20	11402165	1	Protective frame	45	11101788	1	Belt guard seal
21	11403901	6	Hex. Flange bolt with teeth	46	11401221	1	Belt guard rubber spacer
22	11402172	1	Bracket	47	P11401195	1	Wheel axle
23	-----	2	Hex. Head screw	48	11402183	1	Base Plate
24	-----	2	Lock washer	49	-----	4	Hex Nut
25	-----	2	Washer	50	-----	4	Washer
				51	-----	4	Schnorr locking disc spring

No.	Part No.	Qty.	Description
52	-----	1	Key
53	11402210	1	Protective cover box
54	50659	1	Enclosure BCI 2 Danfoss 047B010266
55	50657	1	Overload TI 16C Danfoss 047H0210
56	50660	1	Auxiliary Co CB-S Danfoss 037 H0110
57	50658	1	Contactore CI 12 Danfoss 03H003137

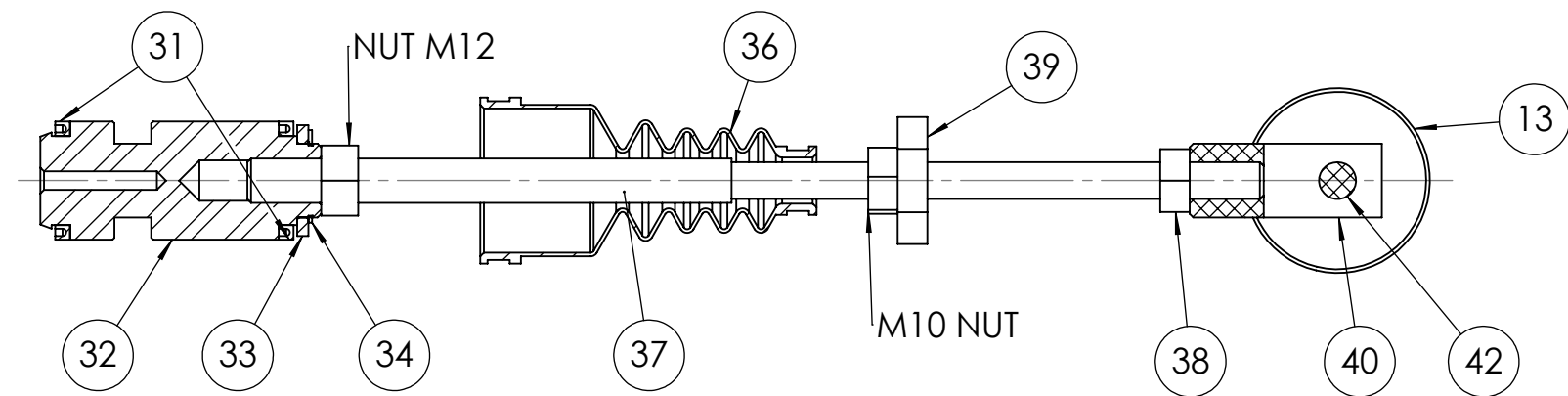


EXCITER
RP3014E-50

Exciter

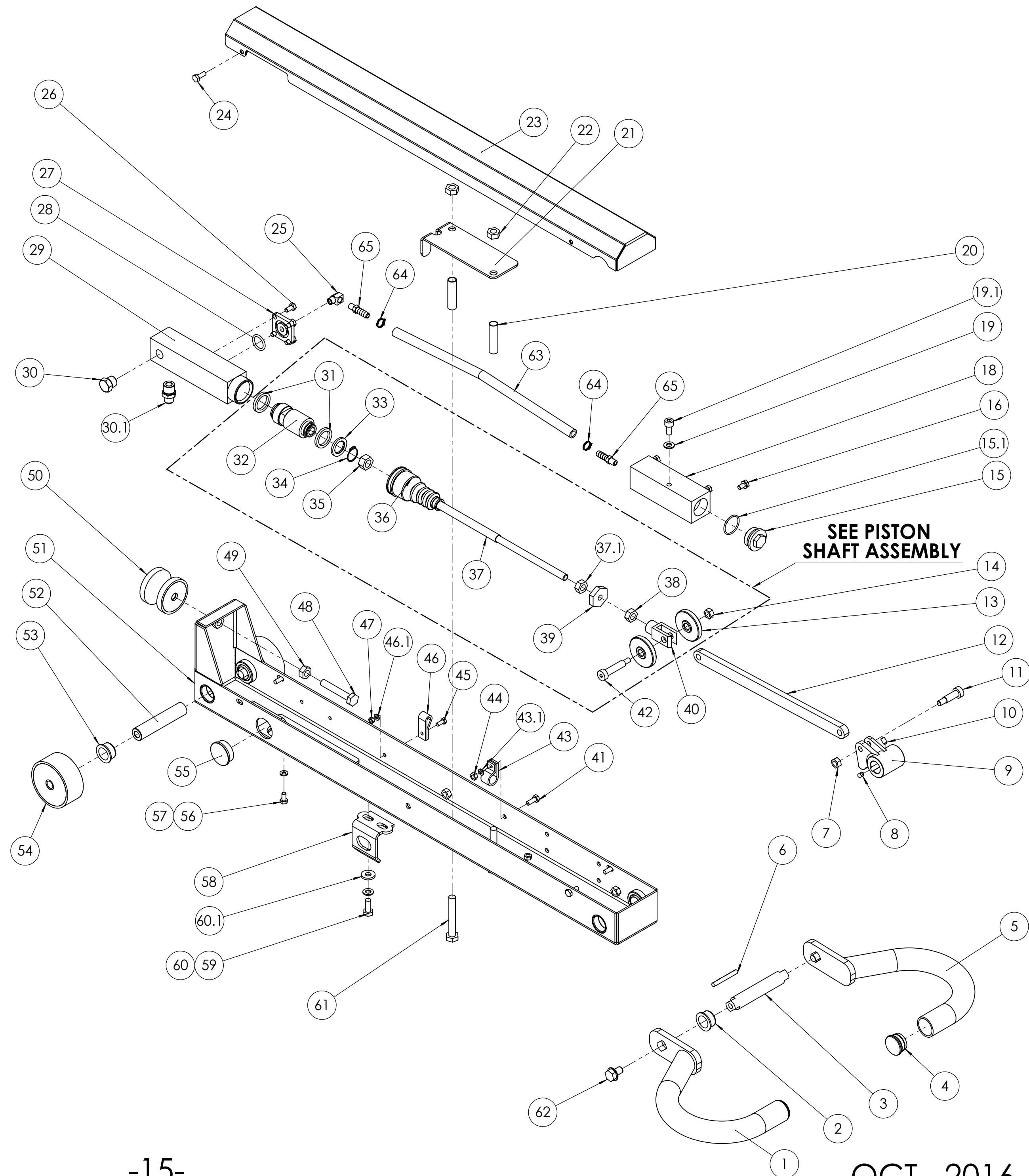
No.	Part No.	Qty.	Description
1	See Page-12		Baseplate for RP3014-50; RP3014-60
2	11102815.U	1	Adjustmentgear
3	2097927		Hex. socket set screw with cone point
4	11401210		Main Shaft
5	11402177	2	Eccentric Weight
6	11401916	4	Schnorr locking disc
7	110061	4	Hex. Soc. Head cap screw
8	11401910	1	Pin
9	11401211	1	Bearing housing
10	-----	1	Hex. Head screw
11	110056		Schnorr locking disc
12	11102802.U	2	Bearing
13	11401912	1	Retaining rings for bores
14	11401212	1	Piston
15	11401911	1	O-ring
16	11401907	1	Oil Seal
17	11102805	4	Bearing
18	11401219	1	Cylinder
19	11401915	28	Hex. Flange Bolt with Teeth

No.	Part No.	Qty.	Description
20	1110198	1	Hex. Flange Bolt with Teeth
21	11401909	1	Oil Seal
22	11401222	1	Bearing cover
23	129964	1	Key
24	11102822.U	1	Pulley
25	11401218	2	Closed flange
26	110060	2	Retaining rings for shaft
27	11102813.U	1	Pulley
28	11401216	1	Secondary Shaft
29	11401908	1	Key
30	11402178	2	Eccentric Weight
31	111960	2	Schnorr locking disc
32	11401919	2	Hex. Soc. Head cap screw
33	11402133	1	Gear closing plate
34	-----	1	Hex. Soc. Head cap screw
35	-----	1	Locking washer
36	-----	1	washer
37	11402192	1	pulley
38	11402193	1	spacer



PISTON SHAFT ASSEMBLY

**EURO
SHATAL**
Simply built stronger
WORKING HANDLE
RP3014E-50



No.	Part No.	Qty.	Description
1	11401188	1	Right guide handle
2	31024	2	Nylon bush
3	11401181	1	Reverse handle shaft
4	11401920	2	Plastic plug
5	11401185	1	Left guide handle
6	111965	1	Key
7	-----	1	Self locking nut
8	129968	1	Hex. socket set screw with cup point
9	1110154	1	Piston moving arm
10	128940	1	Hex. socket set screw with cup point
11	111908	1	Hex. socket head shoulder Screw
12	11101804	1	Connecting bar
13	11401184	2	Fork wheel
14	-----	1	Self locking nut
15	11401180	1	Oil tank plug
15.1	11403919	1	O-Ring
16	-----	4	Hex. Head screw
17	-----	4	Washer
18	11401179	1	Oil tank
19	11403913	1	Brass washer
19.1	140905	1	Hex. Head cap screw
20	11401177	2	Spacer
21	11401176	1	Bearing cover

No.	Part No.	Qty.	Description
22	-----	2	Self locking nut
23	11401175	1	Handle cover
24	11401918	4	Hex. Flange bolt with teeth
25	1110395	1	Brass elbow
26	-----	4	Hex. Head screw
27	11101814	1	Joining plate
28	1135903	1	O-ring
29	11401183	1	Pump casing
30	11729	1	Oil plug
30.1	1110198	1	Nipple
31	111934	2	Hydraulic seal
32	1110134	1	Upper piston
33	111140	1	Oil seal washer
34	111933	1	Circlip
35	-----	1	Nut
36	11101907	1	Rubber bellow
37	1110193	1	Piston connecting bolt
37.1	-----	1	Nut
38	11101912	1	Hex.thin nut
39	11101819	1	Nut
40	111931	1	Fork
41	-----		Hex. Head screw
42	111909	1	Hex. socket head shoulder Screw

No.	Part No.	Qty.	Description
43	11401913	1	16mm dia. Tube clamp
43.1	-----	1	Lock washer
44	-----	1	Nut
45	-----	1	Hex. Head screw
46	11401905	1	8mm dia. Tube clamp
46.1	-----	1	Lock washer
47	-----	1	Nut
48	-----	1	Hex. Head screw
49	-----	1	Nut
50	111937	1	Shockmount
51	11401170	1	Handle assy.
52	11401182	1	Handle bottom shaft
53	31024	2	Nylon bush
54	111975	2	Shockmount
55	1110199	1	Plastic plug
56	-----	4	Hex. Head screw
57	110056	4	Schnorr locking disc spring
58	11401178	1	Stopper plate
59	-----	2	Hex. Head screw

No.	Part No.	Qty.	Description
60	-----	2	Lock washer
60.1	-----	2	Washer
61	-----	2	Hex. Head screw
62	11401922	2	Self locking Hex. Bolt screw
63	11401902	1	Hydraulic Hose
64	111940	2	Pipe Clamp
65	111938	2	Pipe Nipple

No.	Part No.	Qty.	Description	Beschreibung	Beskrivelse		Descripción
1	1110306	1	Vulcolan plate RP3014-50	Vulkalonplatte RP 3014-50	Vulkolanplade RP3014-50		Plancha vulkolan RP3014-50
1.1	1110315	1	Vulcolan plate RP3014-60	Vulkalonplatte RP3014-60	Vulkolanplade RP3014-60		Plancha vulkolan RP3014-60
2	1110250	2	Vulcolan holder RP3014-50	Vulkalonhalter RP3014-50	Vulkolanholder RP3014-50		Agarradera de vulkolan RP3014-50
2.2	1110399	2	Vulcolan holder RP3014-60	Vulkalonhalter RP3014-60	Vulkolanholder RP3014-60		Agarradera de vulkolan RP3014-60
3	-----	4	Hex. Head screw	Sechskantschraube	Skrue		Tornillo hexagonal
4	-----	4	Hex. nut	Mutter	Møtrik		Tuerca hexagonal

