

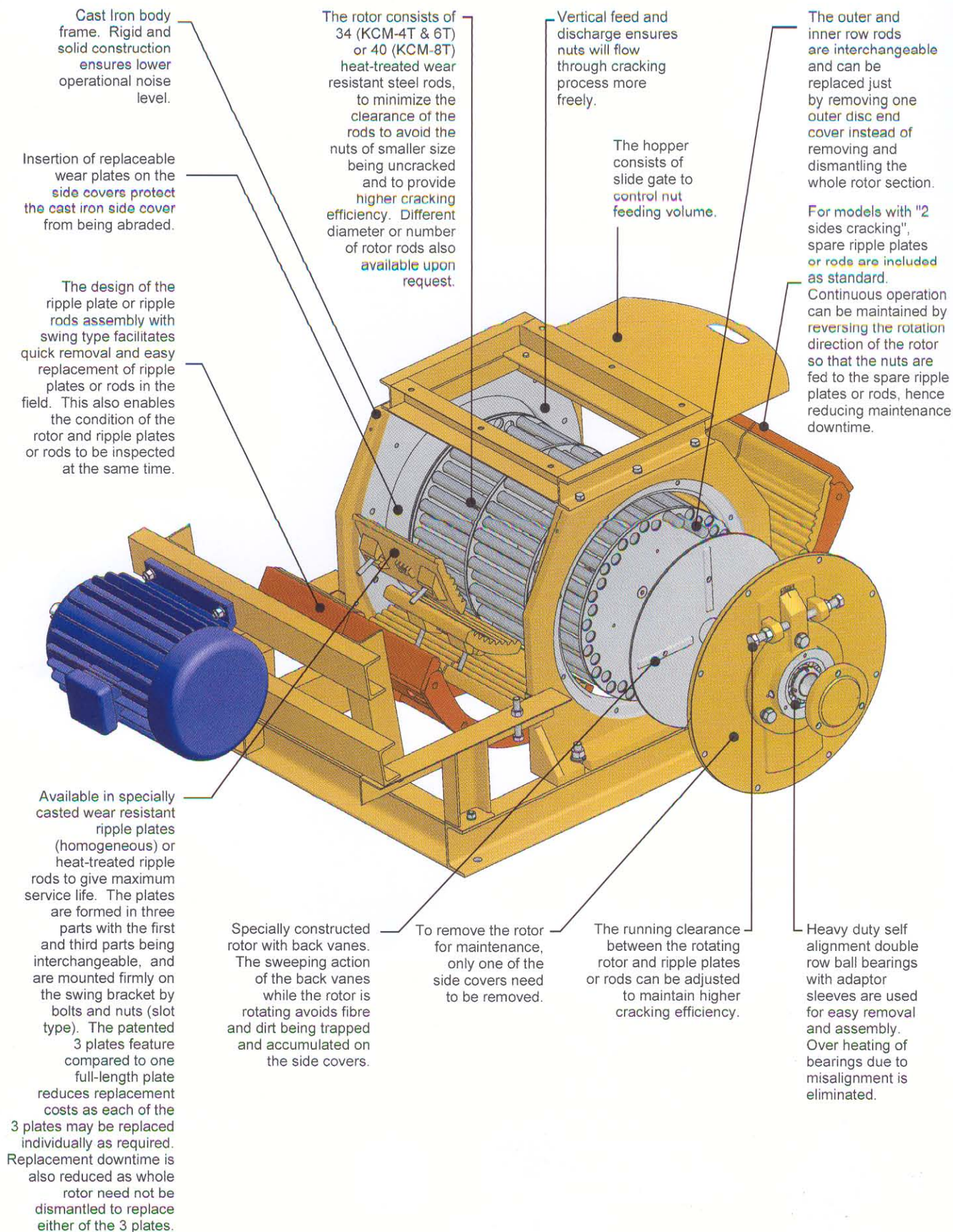
KEWPUMP®

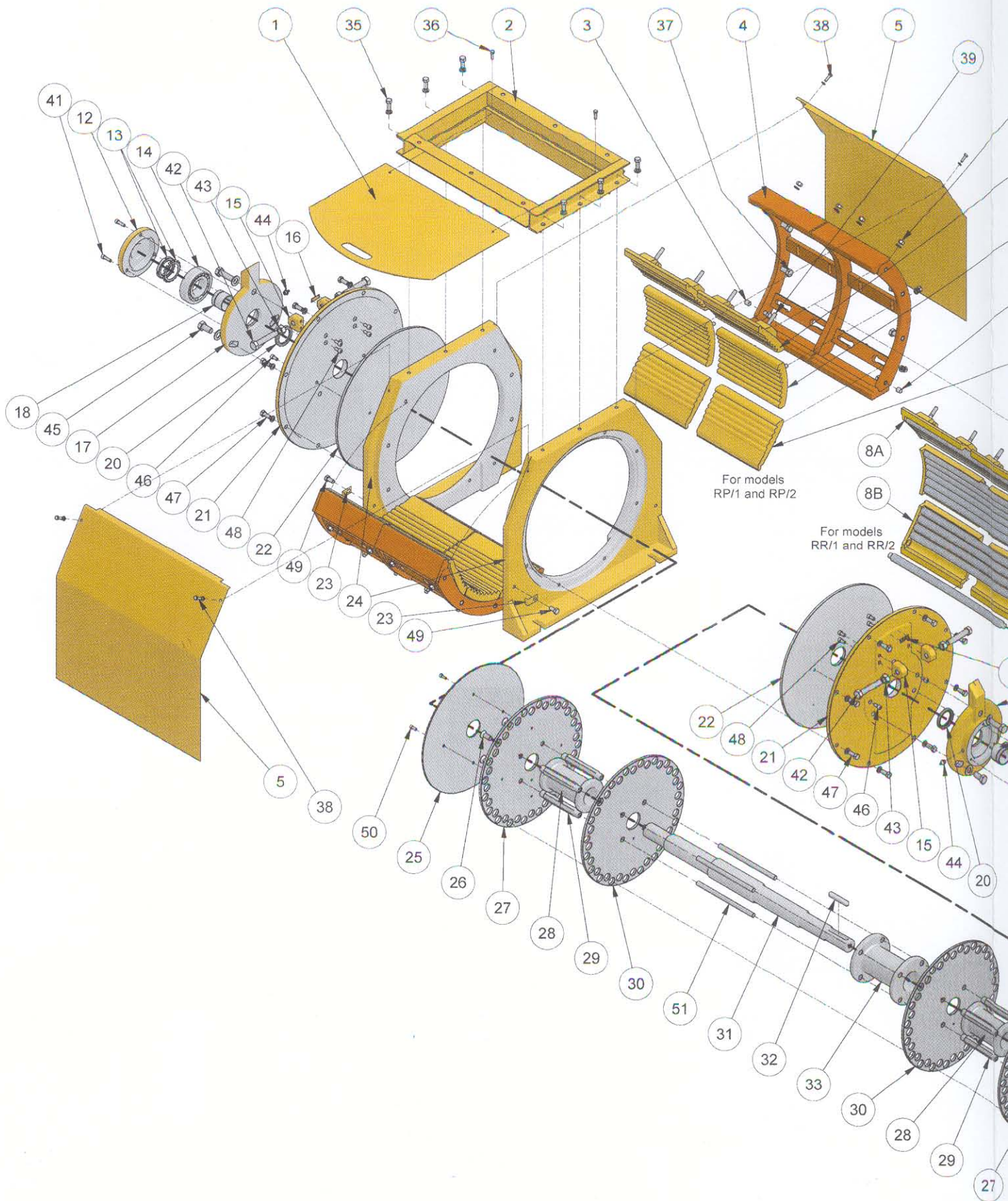


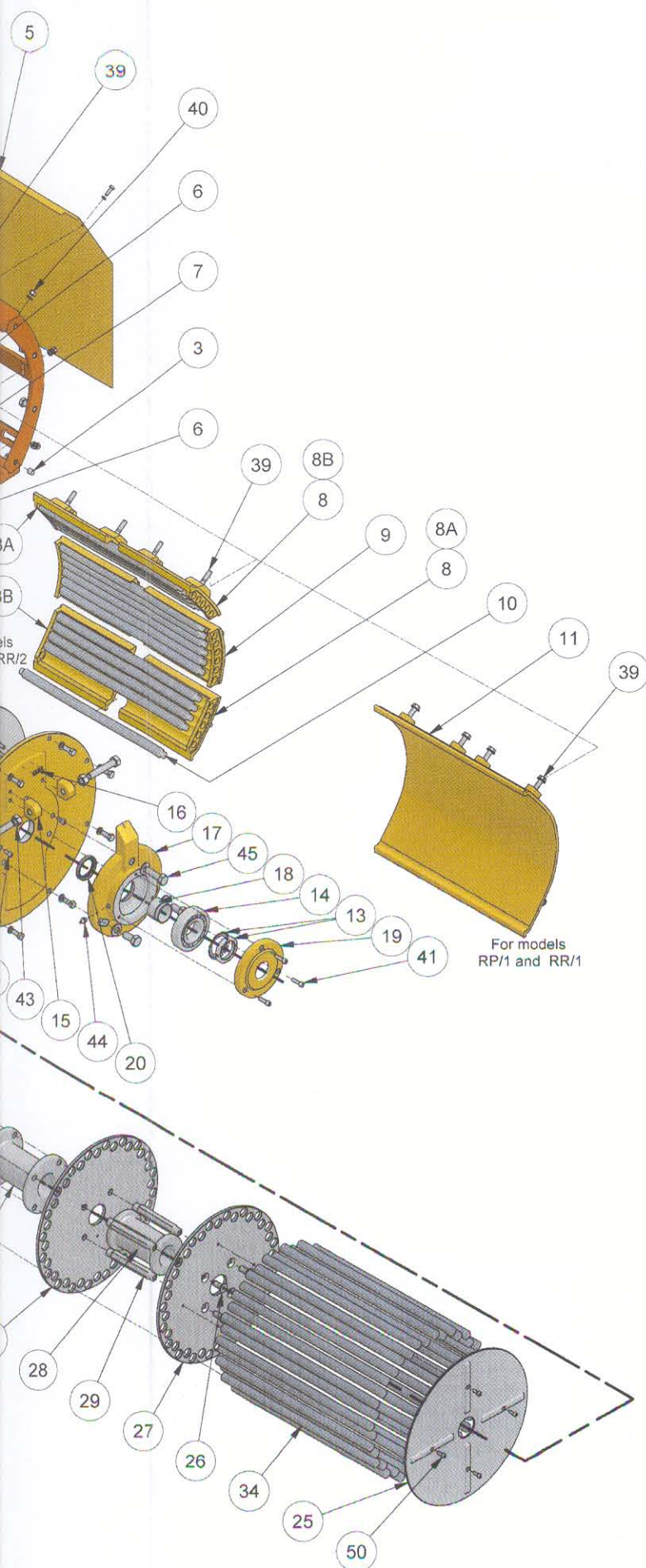
KEWCRACKER

NUT CRACKING MACHINE

Patent No. MY-126292-A







Item No.	Part No.	Description	Quantity
1	KCM.28	Hopper Slide Gate	1
2	KCM.27	Hopper	1
3	KCM.26	Bracket Bushing	4
4	KCM.2	Swing Bracket	2
5	KCM.29	Main Frame Support Cover	2
6	KCM.11	Side Ripple Plate	2 each side (KCM-4T & 6T) 4 each side (KCM-8T)
7	KCM.12	Centre Ripple Plate	1 each side (KCM-4T & 6T) 2 each side (KCM-8T)
8*	KCM.24	Side Rod Support Plate	2 each side (KCM-4T & 6T)
8A**	KCM.24-A	Side Rod Support Plate - A	2 each side (KCM-8T)
8B**	KCM.24-B	Side Rod Support Plate - B	2 each side (KCM-8T)
9	KCM.25	Centre Rod Support Plate	1 each side (KCM-4T & 6T) 2 each side (KCM-8T)
10	KCM.23	Ripple Rod	18 each side (KCM-4T & 6T) 16 each side (KCM-8T)
11	KCM.31	Cover Plate	1 each side
12	KCM.4-OUT	Outboard Bearing Cover	1
13	KCM.15	Adaptor Lock Nut	2
14	KCM.6	Bearing	2
15	KCM.22	Adjustment Bracket	4
16	KCM.33	Adjustment Indicator	2
17	KCM.3	Bearing Housing	2
18	KCM.14	Bearing Adaptor Sleeve	2
19	KCM.4-IN	Inboard Bearing Cover	1
20	KCM.13	Dust Seal	2
21	KCM.8	Side Cover	2
22	KCM.9	Side Cover Wear Plate	2
23	KCM.30	Main Frame Support Cover Holder	2
24	KCM.1	Main Frame Support	2
25	KCM.19	Outer Disc End Cover	2
26	KCM.7	Disc Fastener	8
27	KCM.21	Outer Disc	2
28	KCM.16	Side Rotor Disc Spacer Ring	2
29	KCM.18	Disc Lock Nut	8
30	KCM.20	Rotor Disc	2
31	KCM.5	Rotor Shaft	1
32	KCM.32	Shaft End Key	1
33	KCM.17	Centre Rotor Disc Spacer Ring	1
34	KCM.10	Rotor Rod	34 (KCM-4T & 6T) 40 (KCM-8T)
35	--	Hopper Bolt	4 (KCM-4T & 6T) 6 (KCM-8T)
36	--	Hopper Slide Gate Bolt	2
37	--	Swing Bracket Bolt	16
38	--	Main Frame Support Cover Bolt	4
39	--	Plate Holding Bolt	6 each side (KCM-4T & 6T) 12 each side (KCM-8T)
40 ***	--	Plate Holding Nut	6 each side (KCM-4T & 6T) 12 each side (KCM-8T)
41	--	Bearing Cover Screw	6
42	--	Adjustment Bolt	4
43	--	Adjustment Jam Nut	4
44	--	Grease Nipple	2
45	--	Bearing Housing Bolt	6
46	--	Side Cover Wear Plate Screw	4
47	--	Side Cover Bolt	12 (KCM-4T & 6T) 16 (KCM-8T)
48	--	Adjustment Bracket Screw	8
49	--	Main Frame Support Cover Holder Bolt	2
50	--	Outer Disc End Cover Screw	8
51	--	Disc Stud	4

* For models KCM-4T and KCM-6T

** For models KCM-8T

*** Not available for cover plate side in models RP/1 and RR/1

MODEL DESIGNATION

Type
KCM: Kewcracker
Model
4T: Capacity 4000kg per hour
6T: Capacity 6000kg per hour
8T: Capacity 8000kg per hour

KCM-6T RR/1

No. Cracking Side
1: 1 side cracking
2: 2 sides cracking
Cracking Type
RP: Rod against Plate
RR: Rod against Rod

Example:

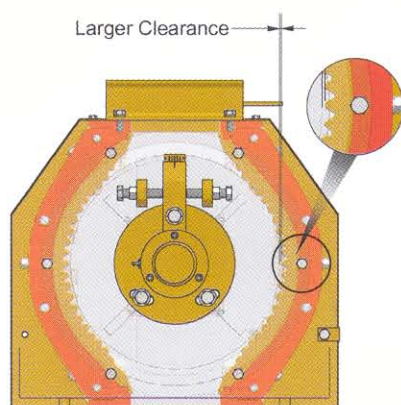
KCM-4T RP/2

Kewcracker with capacity 4000kg per hour, 2 sides cracking, constructed with 2 sides ripple plates.

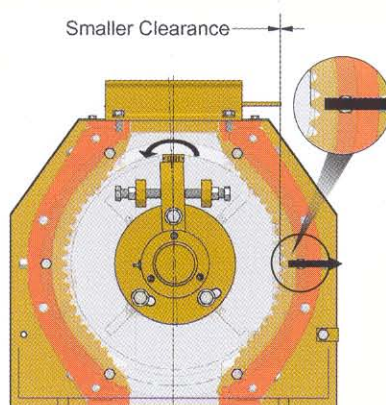
KCM-8T RR/1

Kewcracker with capacity 8000kg per hour, 1 side cracking, constructed with 1 side ripple rods, 1 side cover plate.

COST SAVING FEATURES



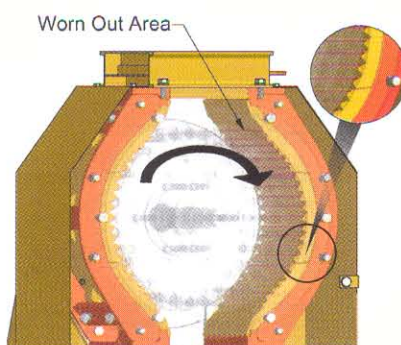
BEFORE ADJUSTMENT



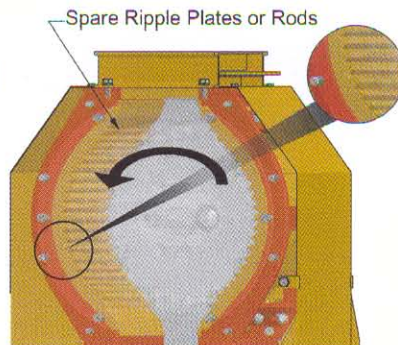
AFTER ADJUSTMENT

Clearance Adjustment

Running clearance between rotor and ripple plates or rods can be adjusted to accommodate fruit size differences or compensate for wear and tear hence will increase useful life of ripple plates or rods. Clearance adjustment can be done in either direction.



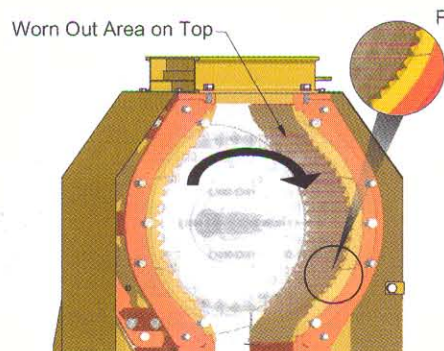
INITIAL ROTATION



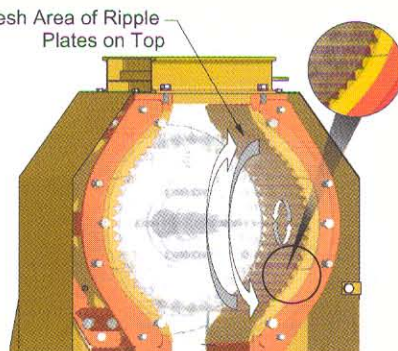
REVERSE ROTATION

Spare Ripple Plates or Rods

For models with spare ripple plates or rods, continuous operation may be maintained without having to replace the worn set of ripple plates or rods. This is achieved by reversing the rotor rotation direction which will crack the nuts against the fresh spare ripple plates or rods.



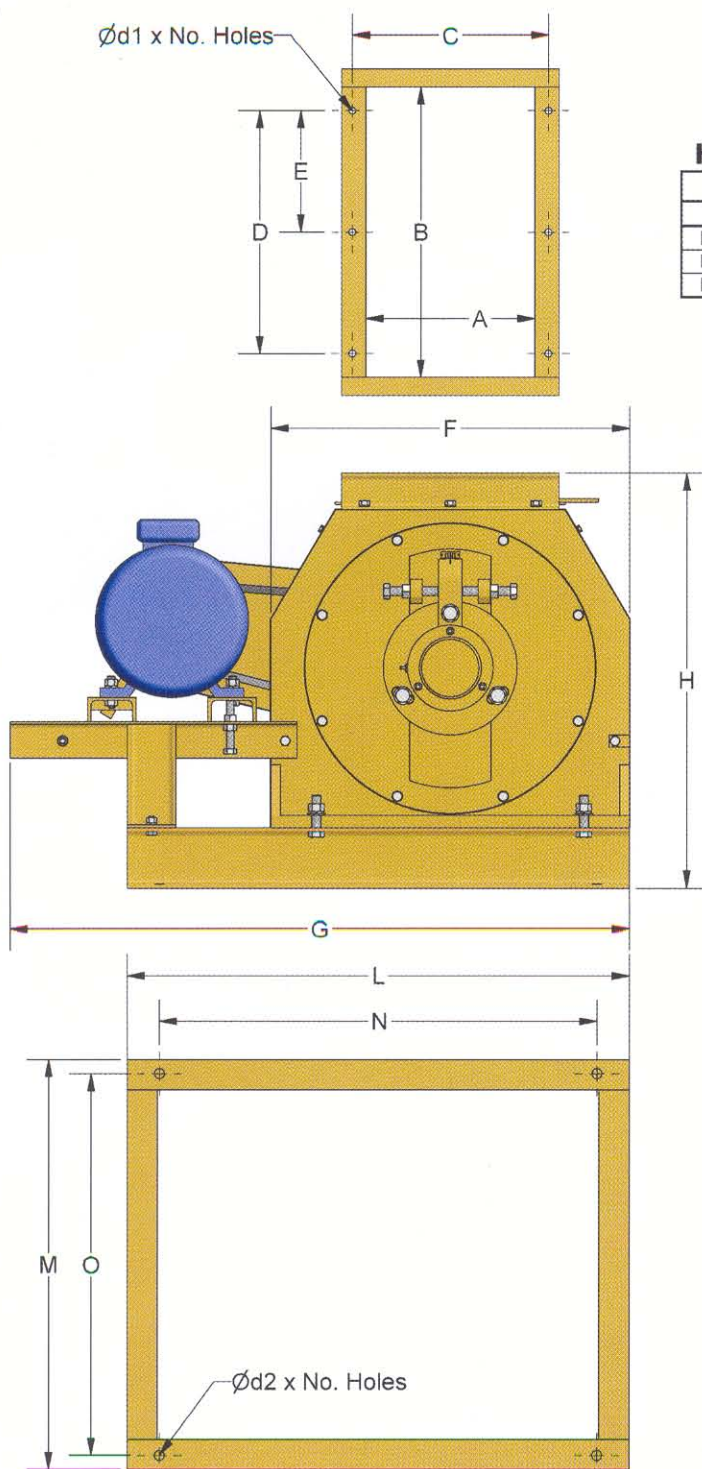
BEFORE INTERCHANGE



AFTER INTERCHANGE

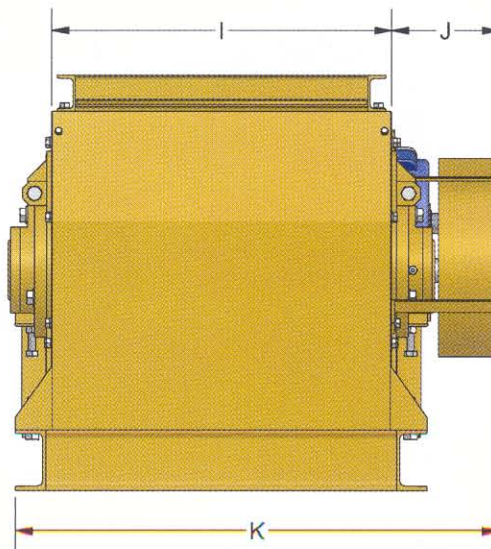
3 Pieces Ripple Plates

The first and third ripple plates are interchangeable. Interchanging the first and third ripple plates while rotating the second plate, will result in the worn out areas facing the opposite direction from its original position. Consequently, the areas of the ripple plate which are still fresh may now be utilised for cracking, hence saving cost from having to replace the entire set of plates after just the initial cracking area has worn out.



Hopper Dimensions

Dimensions in mm							
Model	A	B	C	D	E	d1	No.
KCM-4T	160	305	220	225	--	14	4
KCM-6T	160	355	220	275	--	14	4
KCM-8T	330	610	410	510	255	14	6



Set Dimensions

Dimensions in mm						
Model	F	G	H	I	J	K
KCM-4T	620	1070	725	390	190	650
KCM-6T	620	1110	725	440	190	700
KCM-8T	750	1295	865	710	225	1010

Baseplate Dimensions

Dimensions in mm						
Model	L	M	N	O	d2	No.
KCM-4T	850	530	750	490	16	4
KCM-6T	850	580	750	540	16	4
KCM-8T	1050	860	915	800	21	4

Technical Information

Model	Capacity	Motor	Rotor Speed	Approx. Weight
KCM-4T	4000 kg/hr	10 HP	1080 RPM	530 kg
KCM-6T	6000 kg/hr	15 HP	1080 RPM	580 kg
KCM-8T	8000 kg/hr	20 HP	920 RPM	960 kg