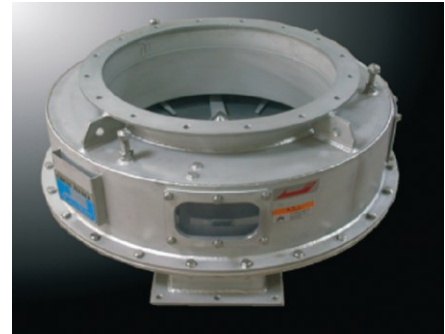


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## CIRCLE FEEDER®

A unique type of equipment that discharges poorly flowing materials from bins, hoppers, silos, but also feeds mixers, reactors and dryers.

- accurate and uniform feeding rate
- suitable for precise dosing
- gentle product conveying
- no product segregation
- no bridging
- easy maintenance & quiet operation



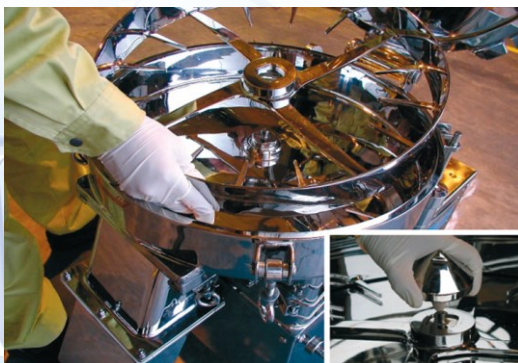
CIRCLE FEEDER® CF series

### Function

A rotary vane moves the product softly around the circumference, towards the external chamber and further to the discharge port(s). The material level drops evenly and ensures a first in – first out product flow. Its large opening breaks the critical arch of most materials. The discharge unit can be adapted to various product flow characteristics by using a frequency converter and by adjustment of the flow adjusting ring.



CIRCLE FEEDER® CS series (sanitary type)



easy to disassemble and to clean

The patented CIRCLE FEEDER®, manufactured by Yoshikawa Corporation of Japan, is now exclusively distributed by **Novindustria AG** within the whole Europe.

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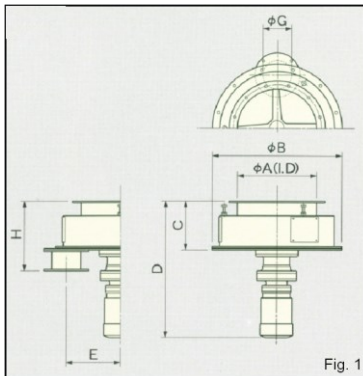


Fig. 1

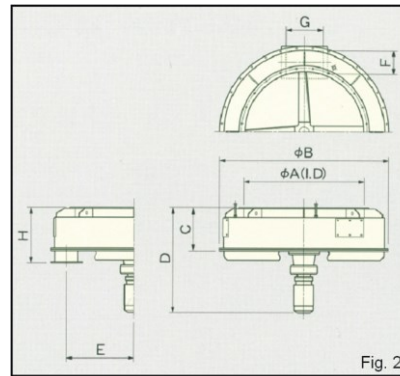
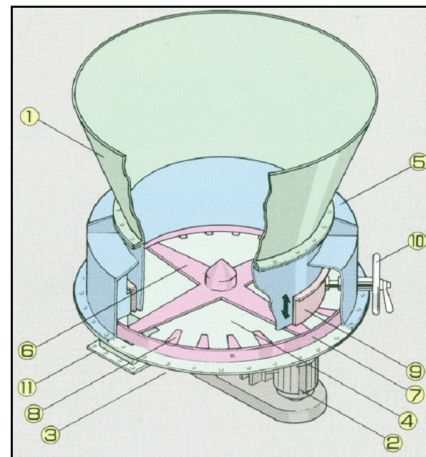
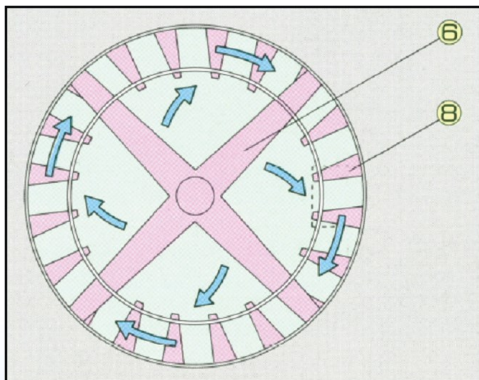


Fig. 2

Modell			CF-200		CF-300		CF-500		CF-700		CF-1000		CF-1200		CF-1400		CF-1600		CF-1800		CF-2000		CF-2400	
			A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Max. Leistung	(m³/h)	50 Hz	0.13	0.66	0.38	0.89	0.92	2.4	4.9	13	10	20	13	29	18	35	20	38	27	48	30	59	40	86
		60 Hz	0.15	0.8	0.46	1.1	1.1	2.9	5.9	15	12	24	16	35	22	42	24	46	32	58	36	71	48	104
Min. Leistung	(m³/h)	50 Hz	0.05	0.37	0.21	0.49	0.51	1.1	1.9	5.6	3.2	7.4	3.9	9.1	5.3	14	5.9	15	6.8	17	8.6	18	11	32
		60 Hz	0.06	0.44	0.26	0.59	0.62	1.3	2.3	6.8	3.9	8.9	4.8	11	6.4	16	7.1	18	8.2	20	10	22	13	38
Motor Leistung	(kW)		0.04		0.2		0.4		0.4		1.5		2.2		3.7		3.7		5.5		7.5		7.5	
Drehzahl	(U/min)	50 Hz	8.1		5.3		6.3		5.3		4.5		4.2		3.6		3.1		2.8		2.6		2.1	
		60 Hz	9.7		6.4		7.6		6.4		5.5		5.1		4.3		3.7		3.4		3.1		2.5	
Dimensionen	(mm)	A	200	200	300	300	500	500	700	700	1000	1000	1200	1200	1400	1400	1600	1600	1800	1800	2000	2000	2400	2400
		B	330	410	492	552	766	826	1076	1176	1426	1516	1626	1776	1876	2026	2180	2330	2430	2580	2680	2830	3180	3380
		C	150	150	185	185	240	270	310	390	370	440	430	490	510	555	515	560	560	625	580	685	645	760
		D	315	315	519	519	608	638	693	773	941	1011	1074	1134	1229	1274	1261	1306	1402	1467	1484	1589	1646	1761
		E	130	150	205	230	296	311	415	438	578	600	680	714	790	824	910	940	1016	1050	1130	1160	1356	1396
		F					98	128	170	224	194	240	190	272	220	302	230	320	269	350	290	380	338	458
		G	96.6	134	109	159	180	180	275	314	314	350	350	410	380	450	389	470	110	498	450	579	498	629
		H	200	200	265	265	320	350	390	470	450	520	510	570	610	655	615	660	660	725	680	785	745	860
Gewicht	(kg)	16	19	60	70	125	145	245	320	410	480	695	800	940	1100	1300	1450	1610	1790	1940	2180	2820	3150	
Bild		1				2																		



- ① Hopper (typically supplied by customer)
- ② Motor
- ③ Speed reducer
- ④ Bottom plate
- ⑤ Casing
- ⑥ Central rotary vane
- ⑦ Peripheral rotary ring
- ⑧ Peripheral rotary vane
- ⑨ Flow adjusting ring
- ⑩ Flow adjustment handle
- ⑪ Exhaust port

