RCD 30 - 45
RCE 55 - 75
Belt driven

RMC 30 - 45
RMD 55 - 75
RME 75 - 90
Gearbox driven

Oil-injected screw
Compressors
Fixed & Variable speed

Solid, simple, smart.
Advanced reliability in
compressed air.

AVAILABILITY SERVICEABILITY RELIABILITY SIMPLICITY PARTNERSHIP

TECHNOLOGY YOU CAN TRUST

CREEMERS COMPRESSORS

User benefits

Simple Installation

- Compact and all in one system
- Innovative design
- Easy and full protected transport
- Placement with forklift (2 lifting points) or transpallet (1 lifting point)
- No special foundation needed

Solid Quality

- Outstanding and first-class components
- High quality and long lasting belts
- High reliable belt tensioning system for excellent performance
- Seperate oil and air coolers, less thermal shocks and a longer lifetime
- Perfect air filtration and cooling
- Overload protection
- Full automatic control
- High quality and heavy duty motor

Easy Maintenance and Accessibility

- All service components located at the front of the machine for excellent accessibility
- Easy access for service or cleaning
- Easy access of the coolers
- Oil-level eye at the front
- Easy and quick check thanks to service door and controller
- Service and cleaning is a one person job

Saving of Costs

- Less repair costs
- Lower maintenance costs
- Lower energy consumption
- Optimal efficiency, lubrification and cooling
- Improved controllers for a better energy efficiency

Safety

- Emergency stop
- Protection grid
- Separate panel for beltguard
- Closed inverter cubicle

RCD/RCE • Belt driven
RMC/RMD/RME • Gearbox driven

Compressed air drives your company. Consequently, choosing the right compressor is crucial. Going for our RCD/RCE and RMC/RMD/RME ranges of highly adapted oil-injected screw compressors is a choice you will not regret. Bring some fresh air into your company and enjoy the strong performance and high efficiency that come with it.

RCD/RCE and RMC/RMD/RME ranges offer a wide choice of compressors from 30 till 90 kW, belt or gearbox driven, with fixed speed (load-unload) control or variable speed (IVR) control. Energy costs and your specific requirements will help you choose the most suitable compressor for your application. Whatever model you choose, high standard components guarantee performance and design synergy ensures the easy operation you are looking for.

Fixed speed control - Load-unload regulation

A load/unload compressor delivers a constant air capacity. The net pressure is controlled by an inlet valve operating the compressor in a load/unload cycle.
In case the set pressure is reached, the compressor turns into unload mode (by closing the inlet valve). When the pressure value drops below a specific level, the compressor starts up the same routine.

Variable speed control - Frequency inverter regulation (IVR)

A frequency driven compressor has a working pattern with lower peaks and a smoother air profile. This is achieved by controlling the air delivery and producing only the amount of air required for the customer's application at a specific moment. The net pressure is maintained by use of a frequency inverter. As a result, the compressor consumes only the energy needed which is very cost efficient.

Optional and standard features

OPTION	BELT DRIVEN		GEARBOX DRIVEN	
	Fixed speed	Variable speed	Fixed speed	Variable speed
Water separator	✘	✘	✔	✔
Automatic drain for water separator *	✘	✘	✔	✔
Wrong rotation direction protection	standard	standard	✔	✔
High efficiency air intake filtration	✘	✘	✔	✔
High efficiency pre-filtration panel	✘	✘	✔	✔
Standard filtration pannel	standard	standard	standard	standard
Noise reduction baffle (super silent)	✔	✔	✔	✔
Oil heater	✘	✘	✔	✔
Main switch	✘	✘	✔	✔
8000 hours oil	✔	✔	✔	✔
Foodgrade oil	✔	✔	✔	✔
Integrated energy recovery system	✘	✘	✔	✔
Woodenbox packaging	✔	✔	✔	✔
Tropical thermostatic valve	✔	✔	✔	✔
Automatic restart after power failure	standard	standard	standard	standard
ES 4000 advanced controller	✔	standard	✔	standard

✔ = available ✘ = not available * For this option, the water seperator is needed

BELT DRIVEN - Fixed & Variable speed

Technical data

FIX SPEED	Working Pressure	Reference Working Pressure	Free Air Delivery @ reference conditions*			Motor Power		Noise Level**	Cooling Air Volume	Compressed Air output diameter	Weight
Model	BAR	BAR	m3/h	l/s	cfm	kW	hp	dB(A)	m3/h	"	kg
RCD 30	8	7,5	294	82	173	30	40	70	5400	1"1/2	748
	10	9,5	259	72	153	30	40	69	5400		
	13	12,5	208	58	122	30	40	69	5400		
RCD 37	8	7,5	367	102	216	37	50	71	5760	1"1/2	832
	10	9,5	332	92	196	37	50	70	5760		
	13	12,5	255	71	150	37	50	70	5760		
RCD 45	8	7,5	467	130	275	45	60	72	7200	1"1/2	862
	10	9,5	409	114	241	45	60	71	7200		
	13	12,5	343	95	202	45	60	71	7200		
RCE 55	8	7,5	522	145	307	55	75	72	9000	2"	1073
	10	9,5	475	132	280	55	75	71	9000		
	13	12,5	425	118	250	55	75	71	9000		
RCE 75	8	7,5	691	192	407	75	100	75	12600	2"	1280
	10	9,5	605	168	356	75	100	74	12600		
	13	12,5	533	148	314	75	100	74	12600		

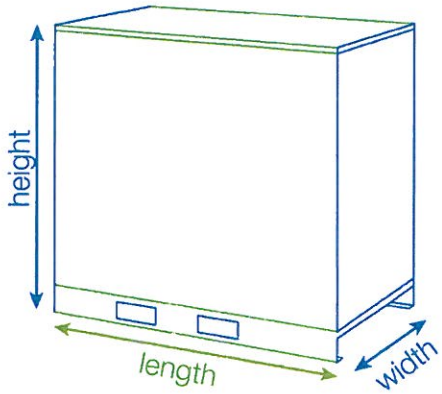
VARIABLE SPEED	Working pressure	Min Free Air Delivery (7 bar)			Max Free Air Delivery																Motor Power		Noise Level **	Cooling Air Volume	Compressed Air output diameter	Weight
					7			9,5			10			12,5			13									
Model	BAR	m3/h	l/s	cfm	m3/h	l/s	cfm	m3/h	l/s	cfm	m3/h	l/s	cfm	m3/h	l/s	cfm	m3/h	l/s	cfm	kW	hp	dB(A)	m3/h	"	kg
RCD 30 FREQ	4-10	88	25	52	294	82	173	259	72	153	251	70	148	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	30	40	70	5400	1"1/2	798
	4-13	78	22	46	261	72	153	259	72	153	258	72	152	208	58	122	202	56	119	30	40	69	5400		
RCD 37 FREQ	4-10	110	31	65	367	102	216	332	92	196	322	89	190	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	37	50	71	5760	1"1/2	882
	4-13	100	28	59	334	93	197	332	92	196	331	92	195	255	71	150	247	69	146	37	50	70	5760		
RCD 45 FREQ	4-10	140	39	83	467	130	275	409	114	241	397	110	234	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	45	60	72	7200	1"1/2	912
	4-13	123	34	72	411	114	242	409	114	241	408	113	240	343	95	202	333	92	196	45	60	71	7200		
RCE 55 FREQ	4-10	157	44	92	522	145	307	475	132	280	461	128	271	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	55	75	75	9000	2"	1131
	4-13	143	40	84	478	133	282	475	132	280	474	132	279	425	118	250	n.a.	n.a.	n.a.	55	75	74	9000		

* Unit performance measured according to ISO 1217, Annex C, latest edition ** Noise level measured according to ISO 2151 with optional baffle
All technical data for Aircooled machines without integrated dryer. For technical data of Watercooled machines or machines with integrated dryer, please contact your local salesforce

Dimensions

FIX SPEED	DIMENSIONS		
Model	length mm	width mm	height mm
RCD 30 - 37 - 45	1247	1060	1630
RCE 55	1420	1060	1630
RCE 75	1660	1060	1630

VARIABLE SPEED	DIMENSIONS		
Model	length mm	width mm	height mm
RCD 30 - 37 - 45FREQ	1420	1060	1630
RCE 55 FREQ	1660	1060	1630



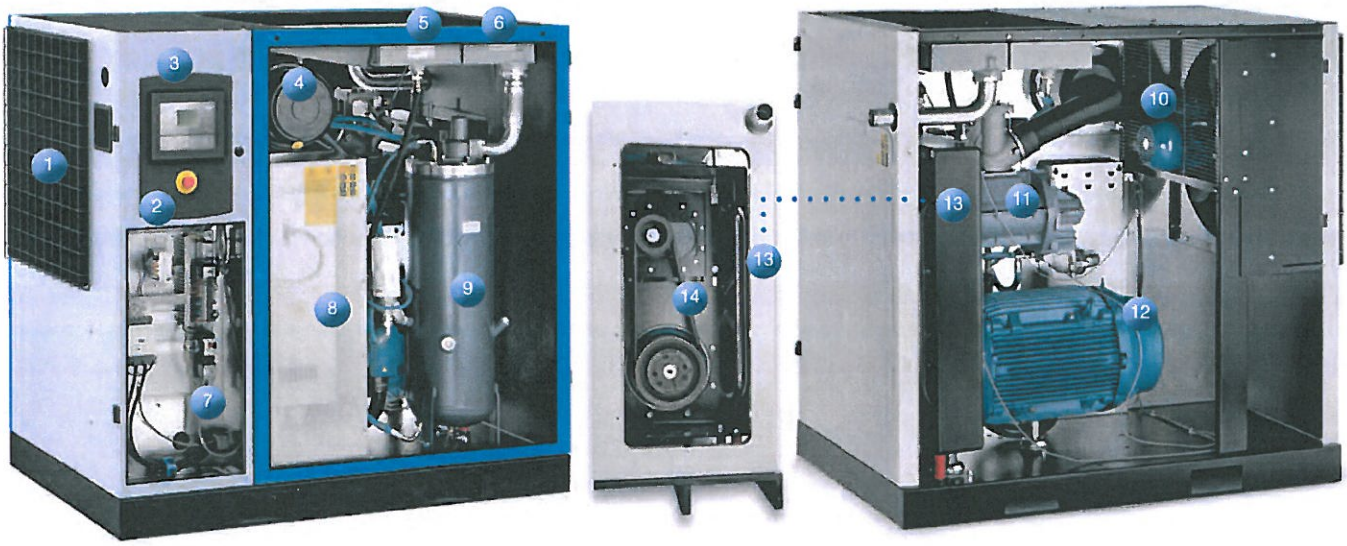
Your smart industry standard in easy operation and maintenance

RCD 30 - 45
RCE 55 - 75

Belt driven compressors have an in-house designed belt drive system. This, on its turn is driven by a high quality electric motor, which runs at a fix speed. Choosing for belt drive offers you:

- Easy maintenance
- Simple installation
- User-friendly operation
- The standard in the industry

Components



1. filtration panel
2. emergency stop
3. controller
4. air filter
5. oil cooler
6. air cooler
7. cubicle
8. inverter
9. oil-seperator vessel
10. axial fan
11. air ends
12. motor
13. belt driven system
14. belt

Variants

TYPE	VOLTAGES		COOLING		DRYER	
	230/3/50	400/3/50	air	water	without	with
Fixed speed	✔	✔	✔	✘	✔	✘
Variable speed	✘	✔	✔	✘	✔	✘

BEST CHOICE

"The RCD/RCE/RMC/RMD/RME ranges come with a wide range of options, so all customer needs can be met."

"Advanced design Powerful & efficient Very rigid and robust construction"

"Maintenance is a one man job now. Costs me less."

"Thanks to the synergy in design within the ranges, the service is facilitated, availability of parts is increased and lead times of machines are reduced."

Your energy efficient and solid performance

RMC 30 - 45
RMD 55 75
RME 75 - 90

Gearbox driven compressors are suitable for use with a variety of constant speed or variable speed drivers. Local energy costs and application requirements will determine the most economical method of drive for your application. Choosing the heavy duty gearbox solution offers you:

- Higher performance for less energy consumption
- Lower maintenance cost
- No transmission losses
- No belt tensioning

Components

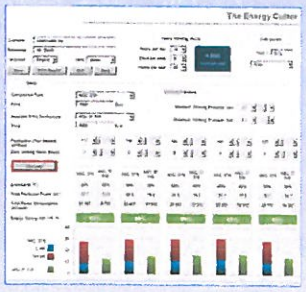
1. filtration panel
2. emergency stop
3. controller
4. oil cooler
5. air cooler
6. cubicle
7. inverter
8. integrated dryer
9. oil-seperator vessel
10. axial fan
11. air ends
12. motor
13. air filter

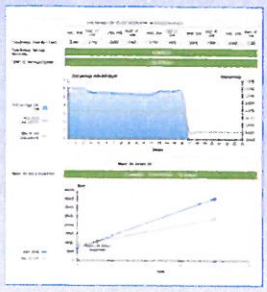
Variants

TYPE	VOLTAGES		COOLING		DRYER	
	230/3/50	400/3/50	air	water	without	with
RMC/RMD (Fixed speed)	✔	✔	✔	✔	✔	✔
RME (Fixed speed)	✔	✔	✔	✔	✔	✘
RMC/RMD (Variable speed)	✘	✔	✔	✔	✔	✔
RME (Variable speed)	✘	✔	✔	✔	✔	✘

Energy audit

A frequency driven compressor potentially offers a very energy efficient compressed air installation, with a return on investment of typically 1-2 years. To help you decide to go with a frequency driven compressor or not, we have created the Energy Cutter, a tool which calculates in an easy way and visually presents the yearly savings that can be obtained from investing in a frequency driven compressor for any specific industry. Besides the Energy Cutter tool, we offer energy audits, specialized advice to make sure you make the right decision when buying your compressor.





GEARBOX DRIVEN - Fixed & Variable speed

Technical data

FIX SPEED	Max. Working Pressure	Reference Working Pressure	Free Air Delivery @ reference conditions*			Motor Power		Noise Level **	Cooling Air Volume	Compressed Air output diameter	Weight	
Model	BAR	BAR	m³/h	l/s	cfm	kW	hp	dB(A)	m³/h	"	std kg	with dryer kg
RMC 30	7,5	7	326	91	192	30	40	69	5400	1"1/2	760	945
	8,5	8	307	85	181	30	40	69	5400			
	10	9,5	275	76	162	30	40	68	5400			
	13	12,5	229	64	135	30	40	68	5400			
RMC 37	7,5	7	402	112	236	37	50	71	5760	1"1/2	840	1025
	8,5	8	386	107	227	37	50	71	5760			
	10	9,5	347	96	204	37	50	70	5760			
	13	12,5	277	77	163	37	50	70	5760			
RMC 45	7,5	7	470	131	277	45	60	72	7200	1"1/2	845	1030
	8,5	8	458	127	270	45	60	72	7200			
	10	9,5	419	116	247	45	60	71	7200			
	13	12,5	358	99	211	45	60	71	7200			
RMD 55	7,5	7	577	160	340	55	75	72	9000	2"	1100	1373
	8,5	8	541	150	319	55	75	72	9000			
	10	9,5	504	140	297	55	75	71	9000			
	13	12,5	434	120	255	55	75	71	9000			
RMD 75	7,5	7	751	209	442	75	100	75	12600	2"	1287	1560
	8	8	716	199	421	75	100	75	12600			
	10	9,5	643	179	379	75	100	74	12600			
	13	12,5	565	157	333	75	100	74	12600			
RME 75	7,5	7	856	238	504	75	100	72	12600	2"	1540	n.a.
	8,5	8	809	225	476	75	100	72	12600			
	10	9,5	720	200	424	75	100	71	12600			
	13	12,5	610	169	359	75	100	71	12500			
RME 90	7,5	7	944	262	556	90	125	74	14760	2"	1570	n.a.
	8,5	8	935	260	550	90	125	74	14760			
	10	9,5	854	237	503	90	125	73	14760			
	13	12,5	700	194	412	90	125	73	14760			

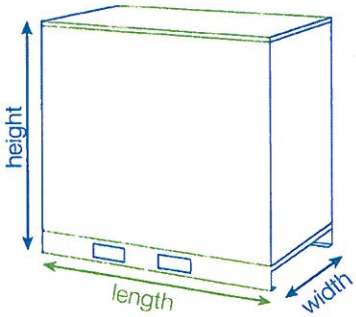
VARIABLE SPEED	Working Pressure	Min Free Air Delivery (7 bar)			Max Free Air Delivery*																	Motor Power		Noise Level **	Cooling Air Volume	Com-pressed Air output diameter	Weight	
Model					7			9,5			10			12,5			13									std	IVR + dryer
	BAR	m³/h	l/s	cfm	m³/h	l/s	cfm	m³/h	l/s	cfm	m³/h	l/s	cfm	m³/h	l/s	cfm	m³/h	l/s	cfm	kW	hp	dB(A)	m³/h	"	kg	kg
RMC 30 IVR	4-10	98	27	58	326	91	192	275	76	162	267	74	157	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	30	40	69	5400	1"1/2	810	995
	4-13	83	23	49	277	77	163	275	76	162	275	76	162	229	64	135	222	62	131	30	40	68	5400			
RMC 37 IVR	4-10	120	33	71	402	112	236	347	96	204	336	93	198	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	37	50	71	5760	1"1/2	890	1075
	4-13	104	29	61	349	97	205	347	96	204	346	96	204	277	77	163	269	75	158	37	50	70	5760			
RMC 45 IVR	4-10	141	39	83	470	131	277	419	116	247	406	113	239	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	45	60	72	7200	1"1/2	895	1080
	4-13	126	35	74	422	117	248	419	116	247	418	116	246	358	99	211	347	96	204	45	60	71	7200			
RMD 55 IVR	4-10	173	48	102	577	160	340	504	140	297	489	136	288	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	55	75	72	9000	2"	1170	1443
	4-13	151	42	89	507	141	299	504	140	297	503	140	296	434	120	255	421	117	248	55	75	71	9000			
RMD 75 IVR	4-10	225	63	133	751	209	442	643	179	379	624	173	367	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	75	100	75	12600	2"	1357	1630
	4-13	193	54	114	647	180	381	643	179	379	642	178	378	565	157	333	548	152	323	75	100	74	12600			
RME 75 IVR	4-10	257	71	151	856	238	504	720	200	424	698	194	411	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	75	100	72	12600	2"	1610	n.a.
	4-13	216	60	127	724	201	426	720	200	424	718	200	423	610	169	359	592	164	349	75	100	71	12600			
RME 90 IVR	4-10	283	79	167	944	262	556	854	237	503	828	230	488	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	90	125	74	14760	2"	1640	n.a.
	4-13	256	71	151	859	239	506	854	237	503	852	237	502	700	194	412	679	189	400	90	125	73	14760			

* Unit performance measured according to ISO 1217, Annex C, latest edition ** Noise level measured according to ISO 2151 with optional baffle
All technical data for Aircooled machines without integrated dryer. For technical data of Watercooled machines or machines with integrated dryer, please contact your local salesforce

Dimensions

FIXED SPEED	DIMENSIONS			
Model	length std mm	length with dryer mm	width mm	height mm
RMC 30 - 37 - 45	1420	2071	1060	1630
RMD 55 - 75	1660	2510	1060	1630
RME 75 - 90	1860	n.a.	1060	1630

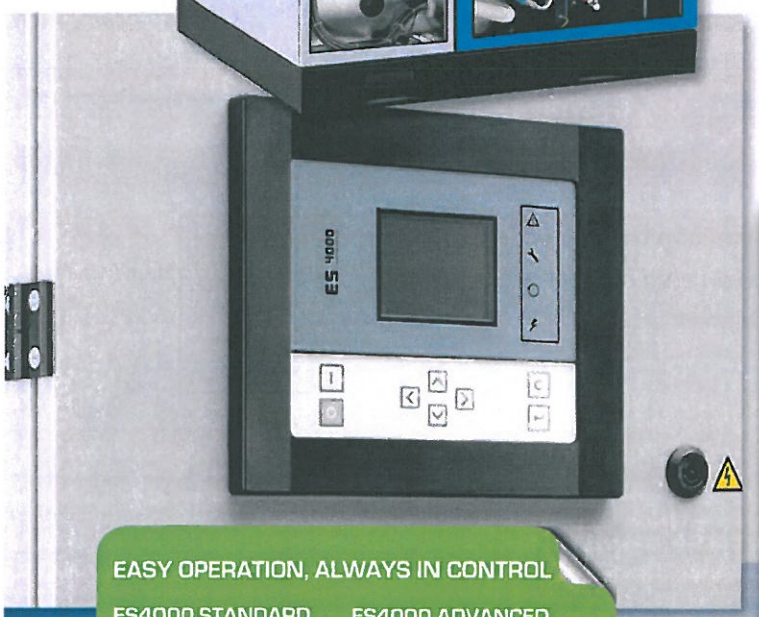
VARIABLE SPEED	DIMENSIONS			
Model	length IVR mm	length IVR + dryer mm	width mm	height mm
RMC 30 - 37 -45 IVR	1420	2071	1060	1630
RMD 55 - 75 IVR	1660	2510	1060	1630
RME 75 - 90 IVR	1860	n.a.	1060	1630



SMART TECHNICAL ADVANTAGES

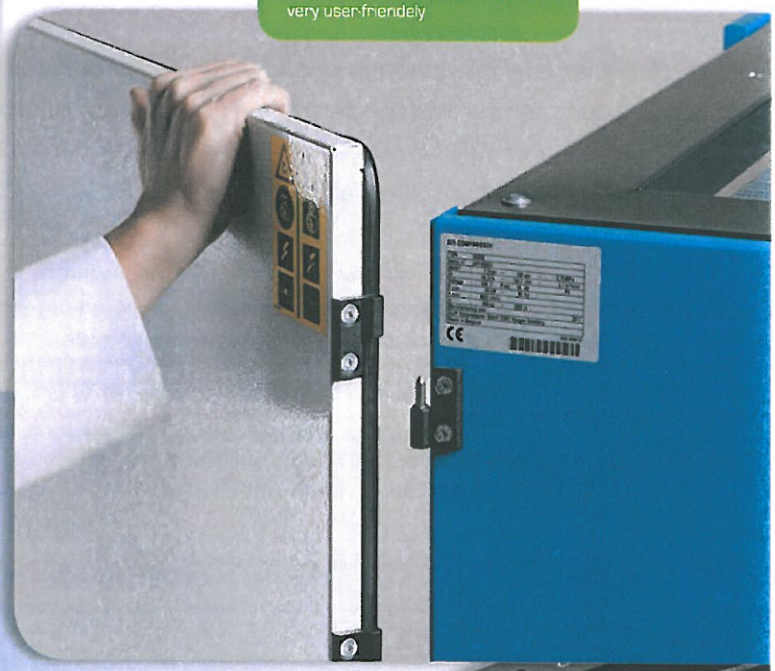
THE TROUBLE -FREE PERFORMANCE YOU ARE LOOKING FOR

- Quality elements for better reliability
- Increased Free Air Delivery (FAD) and lower energy consumption
- Standard filtration panel extending service intervals



SMOOTH HANDLING, ADJUSTABLE TO YOUR NEEDS

- Intelligent opening system: all doors have hinges, as a result they can be used both as a door and as a panel
- Panel function is ideal if floorspace is limited, while the door function is very user-friendely



EASY OPERATION, ALWAYS IN CONTROL

ES4000 STANDARD FOR RCD/RCE & RMC/RMD/RME

- Intelligent unload cycles
- Constant pressure follow-up
- Automatic restart after power failure

ES4000 ADVANCED FOR RCD/RCE IVR & RMC/RMD/RME IVR STANDARD FEATURES +

- All standard controller features
- Wide choice of timers
- An integrated central controller

SIMPLE MAINTENANCE

- Separate air and oil cooler which reduces the thermal tension extending the lifetime of the coolers
- Easy gliding ridges making maintenance a one man job

Oil-injected Screw compressors, belt or gearbox driven
Range RCD/RCE
• RMC/RMD/RME

CREEMERS COMPRESSORS

- A higher final product quality and a strong **technology you can trust**
- Choosing for our high performance compressor offers you a strong **partnership**
- Our products are **simple, easy to use** and stand for a high **reliability**
- **Service** and aftermarket are guaranteed
- Original Parts and Services
- Dealers are always nearby and have strong **availability**

ORIGINAL PART

Increase your profit and improve the image of your company

Contact your local Creemers representative now!

www.creemers.nl