

## Accessories



Separators



Fans



Cooling towers



Extraction pumps



Drives



Packages

 **CUTES**  
"Simply reliable"

## We offer :

- ✓ **New pumps** - vacuum pumps, extraction pumps
- ✓ **Repair & Service** - overhaul & swap pumps, capacity measurement on site, endoscopy
- ✓ **Complete systems** - complete vacuum systems
- ✓ **Accessories** - separators, fans, cooling tower, silencers...
- ✓ **Survey & consultancy** - vacuum system survey in paper mills

 **CUTES Europe**

Contact

## CUTES Europe Ltd

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**LIQUID RING VACUUM PUMPS**  
EXTRACTION PUMPS

Vacuum pump manufacturer since 1978



Available materials :

Cast iron

Stainless steel

Ceramic coating

Stainless steel cladding

### Material Code

CODE <i>Key features</i>	FCD <i>Standard</i>	STD	XVS <i>304, cladded</i>	SS4 <i>304, cast</i>	PVS <i>316, cladded</i>	SS6 <i>316, cast</i>
Cones	Cast Iron		304		316	
Head	Cast Iron		Cast Iron	304	Cast Iron	316
Body	Cast Iron		304		316	
Shaft	Carbon Steel		410		410	316SS
Rotor	Ductile Iron	304	304		316	
Cladding Plate	/	/	304	/	316SS	/
Bearing Bracket	Ductile Iron					
Bearing Cap	Cast Iron					

AISI designations are used for easy understanding. Exact grades according to JIS norm.

### Material equivalency chart

Material	JIS	DIN <i>close to</i>	US <i>close to</i>
Cast Iron	FC 200	GGL 200	ASTM / A 48 - 30B
Carbon Steel	S45C	C45	AISI / 1045
Ductile Iron	FCD 400	GGG 40	ASTM / 60 - 40
Stainless steel	SCS13	1.4308 (G-X6CrNiMo 189)	ASTM / CF - 8 (casting, close to AISI 304)
Stainless steel	SCS14	1.4408 (G-X6CrNiMo18 10)	ASTM / CF - 8M (casting, close to AISI 316)
Stainless steel	SUS410	DIN 1.4006 (X10Cr13)	ASTM / 410

Material certificates can be supplied only according to the JIS grades (JIS : Japan Industry Standards).



Each CUTES vacuum pump is tested in our workshop prior to shipment.

A performance report with suction capacity and power absorption is available for each pump.

The quality control system of our factory has been certified according to ISO 9001:2000 since 1994. CUTES Corporation has been manufacturing vacuum pumps since 1978.

Cutes has been producing pumps for more than 30 years and is one of the major large liquid ring pump manufacturers. These pumps are used in various industries across five continents.

Cutes focuses on demanding applications, like paper manufacturing, power generation, petrochemical industry and industrial processes where a reliable technology is required.

Our workshop is equipped with modern machinery dedicated to the production of large vacuum pumps, the quality insurance system is ISO 9001:2000 certified.

Cutes Europe has a wide experience of vacuum applications. We are able to assist for pump selection, system design, engineering, installation and start up.

We also provide service, field inspection, and can deliver accessories like separators, drivers, cooling towers, and all equipment required to build a complete vacuum system.

Take advantage of our experience!

