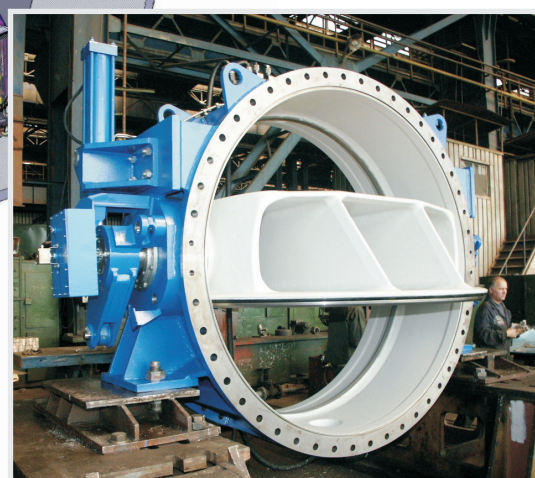
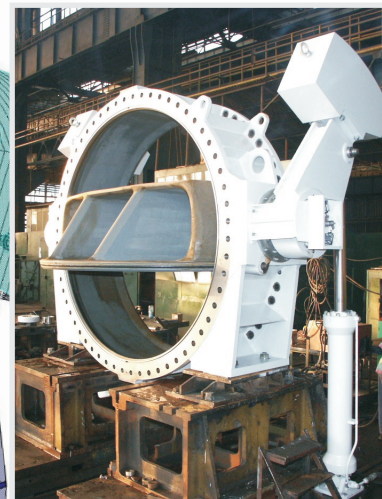
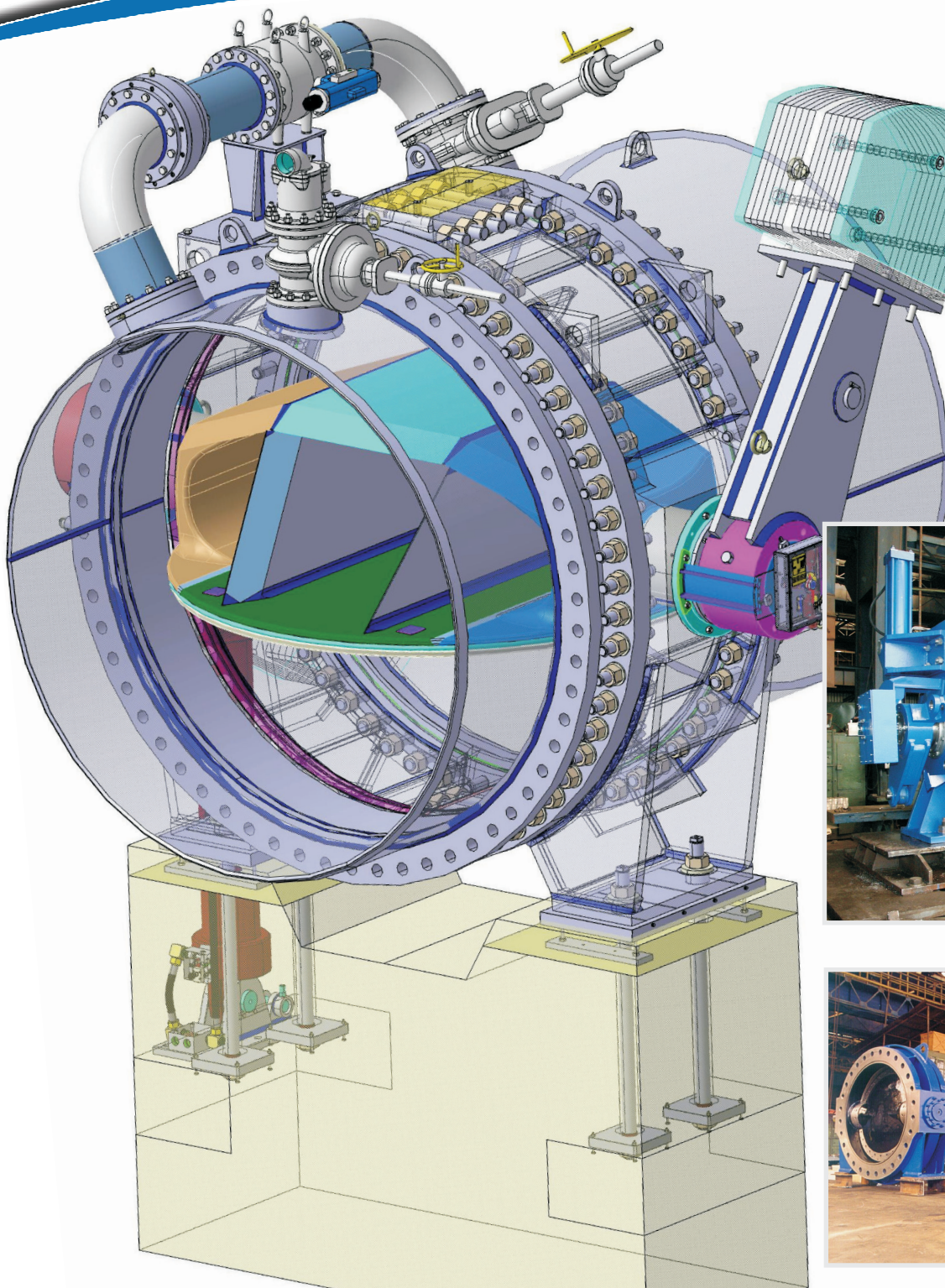


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SHUT OFF VALVES

The shut off valves are so optimised to meet the required parameters of new or renovated hydro power projects.

UCM Resita is certified according to ISO 9001: 2008 & 14001: 2004

SHUT OFF VALVES

UCM Resita, provides a wide range of hydraulic equipment which includes valves, upstream pipes, dismantling joints, by-pass systems, oscillatory servomotors, pumping units, piping arrangement, hydraulic panel, control cubicle, etc.

Hydro Engineering (UCM Resita's R&D division, operating as an independent company) elaborates conceptual design documentation at all levels, detail design documentation, stress analysis and computational fluid dynamics for the mentioned products.

Extract from the reference list - Butterfly valves with biplane

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Otaki	Japan	1	2 300	81.5	EM
2	Dichow P.S	Poland	4	2 100	60	H-O
3	Gelbaskaya	Russia-Dagestan	2	4 000	66	H-O
4	Seymareh	Iran	3	4 900	170	H-O

Extract from the reference list - Butterfly valves with lens disc

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Cernavoda-NPP	Romania	1	2 800	40	EM
2	Merçan	Turkey	3	900	260	H-O

Extract from the reference list - Spherical valves

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Ruieni	Romania	2	1 800	480	H-W

Extract from the reference list - Fix cone valves

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Izvoarele	Romania	1	600	160	EM
2	Shahr E Chai Dam	Iran	2	1000	100	EM

Extract from the reference list - Cone valves

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Gezende	Turkey	1	500	100	EM
2	Valea de Pesti	Romania	1	500	100	E-M

Extract from the reference list - Needle valves

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Rastolita	Romania	1	250 / 200	160	EM
2	Dicle	Turkey	2	300	160	H-O

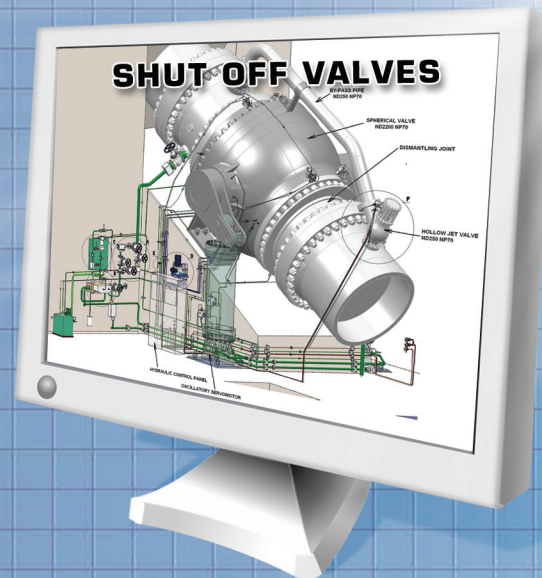
Extract from the reference list - Slide valves

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Suat Ugurlu	Turkey	1	400	100	H-O
2	Wonorejo	Indonesia	1	1 600	84	H-O

Extract from the reference list - Hollow jet valves

Item	Project	Country	No.	Diameter	Design Pressure	Control Type
1	Bao Shan	Taiwan	1	1 500	50.4	EM
2	Taham Dam	Iran	1	450	131	EM

Legend: EM-Electromechanical drive, H-O-Oil hydraulic drive



We offer valves according to the following sizes and parameters:

> Butterfly valves with biplane disc

for DN 1 500 to DN 5 000 and pressures PN 2.5 to PN 24, based on the customer specifications.

> Butterfly valves with lens disc

for DN 1 200 to DN 4 900 and pressures PN 2.5 to PN 40.

> Spherical valves

for DN 600 to DN 2 200 and pressures PN 20 to PN80.

> Fix cone valves

for DN 600 up to DN 1 500 and service pressure PN 2.5 up to PN 16

> Cone valves

for DN 100 up to DN 1 200 and service pressure PN 10 up to PN 64.

> Needle valves

for DN 100 up to DN 250 and service pressure PN 10 up to PN 80.

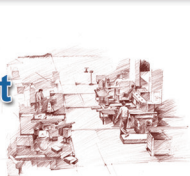
> Slide valves

for DN 200 up to DN 1 600 and service pressure PN 2.5 up to PN 25.

> Hollow jet valves

for DN 250 up to DN 1 600 and service pressure PN 4 up to PN 16.

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