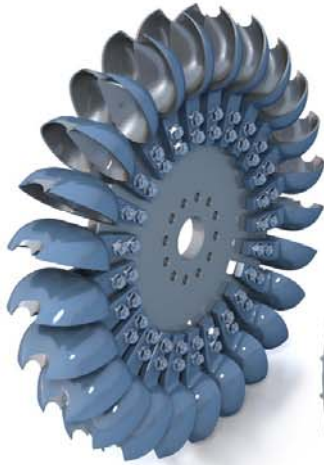


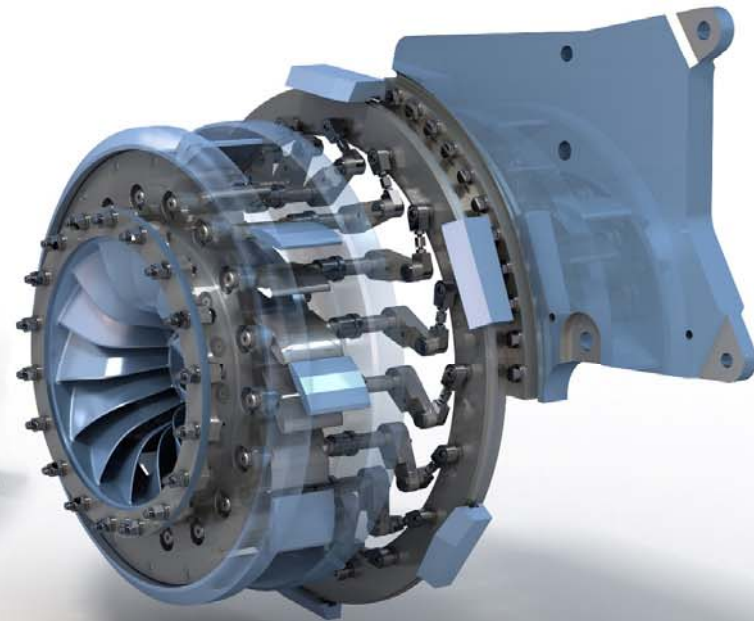
KUMSUNG E&C Hydro-turbines



Pelton Turbines



Kaplan Turbines



Francis Turbines



www.ekcf.co.kr

충남 논산시 은진면 시묘리 125-7번지 TEL:041-741-7301~4

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Advantages

- Turbine manufacturing technology and experience
- Production by TCA(Europe)
- Experience in making micro & small-sized productions
- Application of various Turbine(Kaplan, Francis, Pelton, CFetc)
- Gate turbine of NET(**N**ew **E**xcellent **T**echnology)
- Fast shipping and transportation
- Economics & Diversity

Turbine operation range

Item	Propeller	Kaplan	Tubular	Gate turbine
head	2 ~ 25	1.5 ~ 20	1.5 ~ 20	1.5 ~ 15
discharge	0.5 ~ 15	0.3 ~ 20	0.6 ~ 18	0.5 ~ 12
Output(gen)	10 ~ 1200	5 ~ 2500	10 ~ 1500	5 ~ 800
R/dia	~ D 3000	~ D 3000	~ D 3000	~ D 1350

Propeller turbine

Site : DAEJEON MHP
Head : 2.5m
Flow : 5cms(2.5cms/unit)
Output : 50kW x 2unt
Speed : 720 rpm



Site : NAKDUK MHP
Head : 7m
Flow : 1.2cms
Output : 65kW x 1unit
Speed : 720 rpm

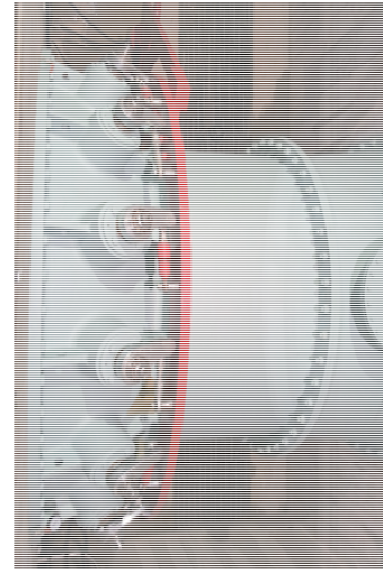
Site : JEUNGWOO MHP
Head : 11m
Flow : 0.9cms
Output : 75kW x 1unt
Speed : 900 rpm



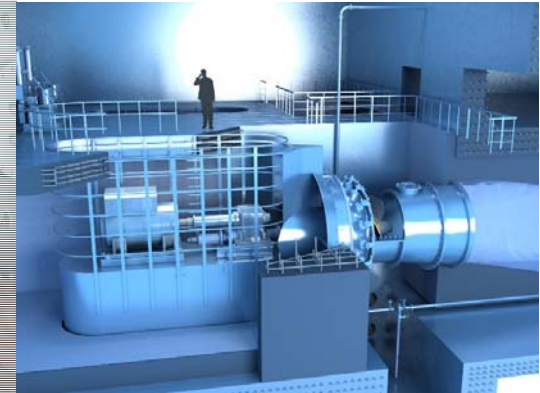
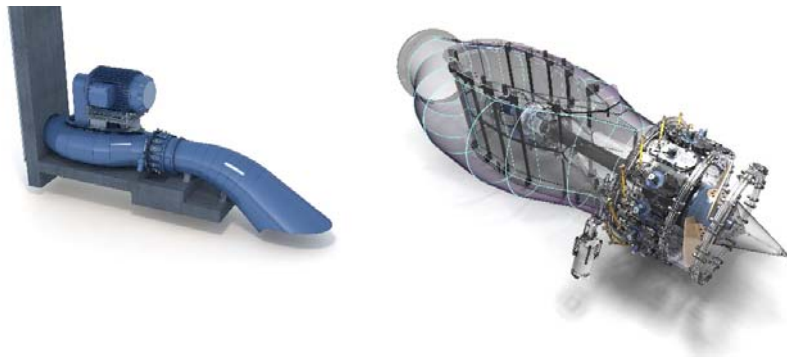
Kaplan turbine



Site : JOOAM MHP
Head : 6.8m
Flow : 0.95cms
Output : 50kW x 1unit
Speed : 600 rpm



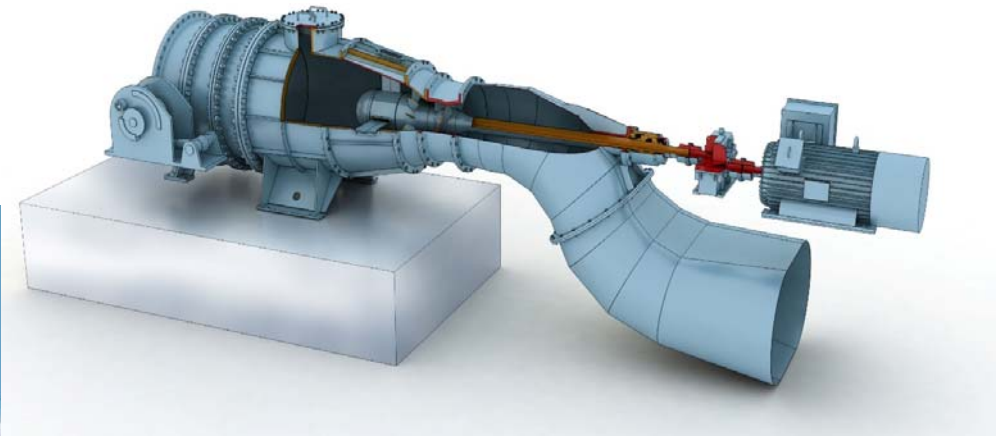
Site : GANGCHUN SHP
Head : 4.7m
Flow : 44cms
Output : 1740kW x 3unit
Speed : 116 rpm



Site : PANKYU MHP
Head : 13.5m
Flow : 3.4cms(1.6cms/unit)
Output : 190kW x 2unt
Speed : 720 rpm



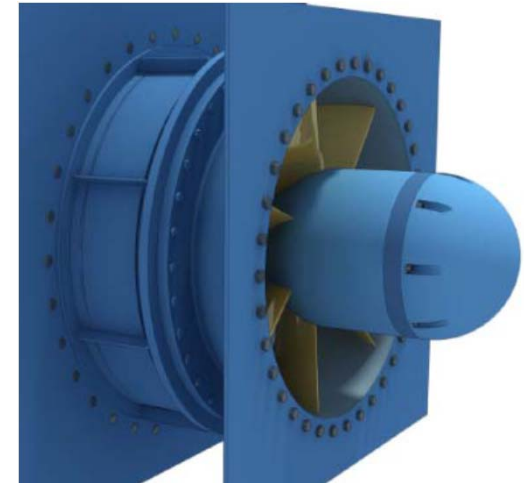
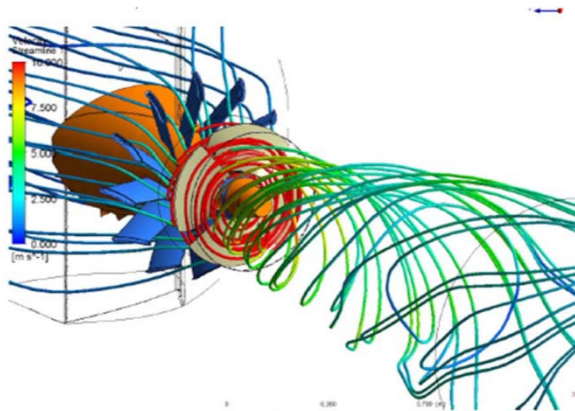
Tubular turbine



Site : SEPO MHP
Head : 9.7m
Flow : 4.6cms
Output : 350kW x 1unit
Speed : 450 rpm

Gate turbine

Site : GATE MHP
Head : 2~20m
Flow : 0.5 ~ 10cms
Output : 20 ~500kW



Other



Francis modal TBN



Vertical Kaplan TBN



Francis model testing

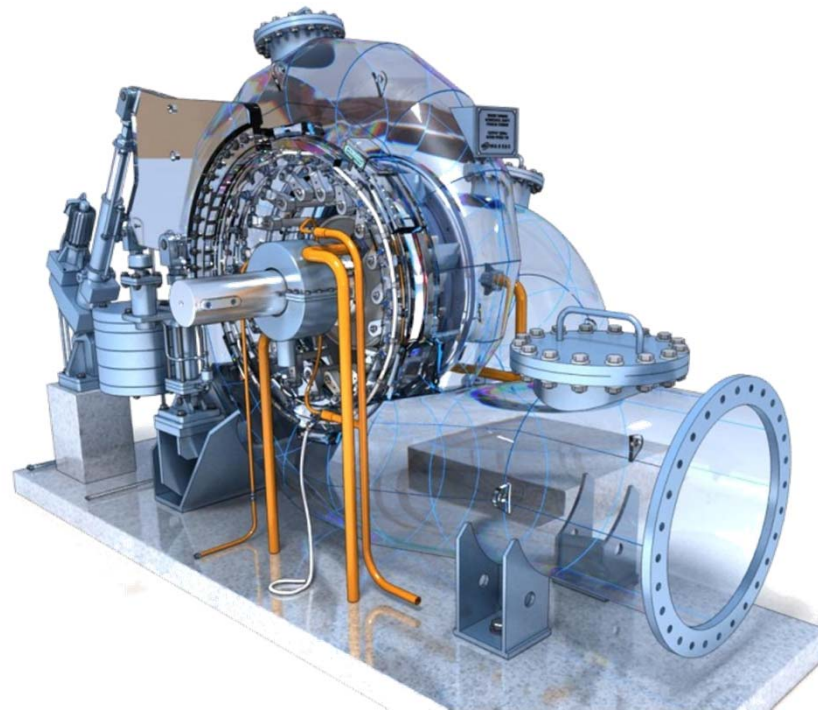


7MW Kaplan model TBN



R/B, G/V manufacture

FINAL



Thank You

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