

# KSB Group

“ We have been able to reduce cycle times by more than 40% while achieving higher levels of quality and accuracy compared to our previous CAD/CAM software.

Prabhu Mathpati, CAD/CAM Officer

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**Industry** Production of pumps and valves for the construction, water, energy, mining and defense industries

**Location** Pune, India

**Website** www.ksb.com



**KSB Group** is one of the world leading producers of pumps, valves and related systems for the building services, defense, mining, water utilities, and energy sectors. With about 14,000 employees around the world, KSB has more than 30 manufacturing sites in 19 countries.



## The Challenges

- Shortening production time of complex molds while maintaining quality standards
- Reducing machining time while improving surface quality
- Effectively utilizing 4-Axis machining for complete material removal and reduce manual finishing labor
- Eliminating gouging problems

## The Solutions

KSB uses CimatronE NC solution with 4-Axis for pattern manufacturing

## The Results

- Using CimatronE, KSB improved toolpath quality and eliminated gouging problems
- KSB is able to produce high quality molds at shorter production time
- KSB has increased productivity to about 1000 impellers per month.

For more information, please visit [www.CimatronE.com](http://www.CimatronE.com)