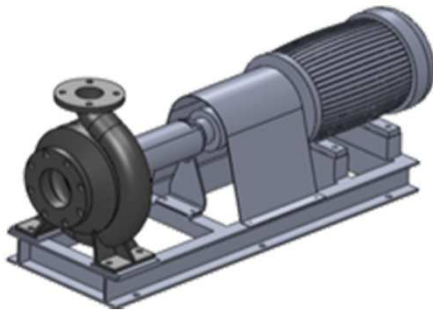




# ERP Based Configurator

Kishor Pumps Pvt. Ltd.

Manufacturer of centrifugal pumps. Provides custom designed pumping solutions for any pumping requirement.

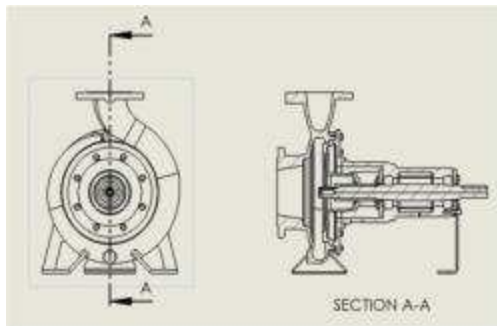


## Design Challenges

- Wide variations in size, features, mountings, accessories, applications,.
- Quick response to quotation.
- Zero involvement of design team in sales.
- Focus on new product development.

## Benefits :

- Reduction in “Design Time” from “average 2 hrs” to “Zero min”
- Reduction in Quotation Time from “average 2 Days” to “15mins”
- Approx. “300-400” new innovative designs created.
- New Product Development increased from “10 per year to 50 per year”



***“CADECplus has increased the efficiency by capturing the data from database & thereby giving automated GA drawings in 30 seconds.”***

***Mr. Sanjay Pathak***  
***G.M. Information Technology***

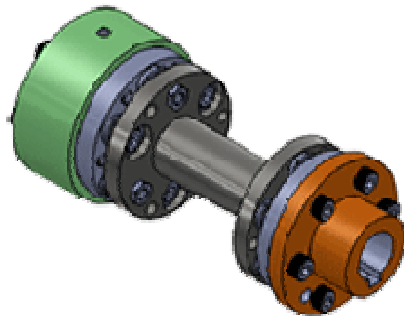




# 3 Minute Quote

Rathi Transpower Pvt. Ltd.

Manufacturer of quality couplings & components

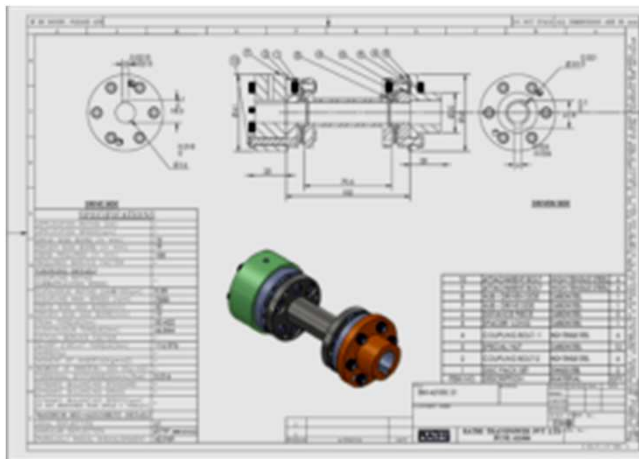


## Challenges

- High number of product variants
- Product Selection Logic is very complex
- Every order requires engineering approvals from customer end.

## Benefits

- Able to get quotations in 3 minutes
- Guided sales tool is provided to the end customer.
- Accurate 3D Models and 2D drawings are created by end users on their own.
- Engineers team has more time to work on special orders and do more innovation



*“CADEC provided us an edge over our competitors in design automation. It has made our life easy by directly providing 2D & 3D product drawings on their desktops without our presence. CADEC team provided all the support in establishing this challenging task.”*

Dr. Shivaji Padwal  
Vice President – Technical





# Accuracy and Freeing Designers for Innovative Work

## IMA-PG India Private Limited (IMA-PG)

Manufacturer of packaging machine change parts & packaging solutions for the pharmaceutical industry.

### Challenges

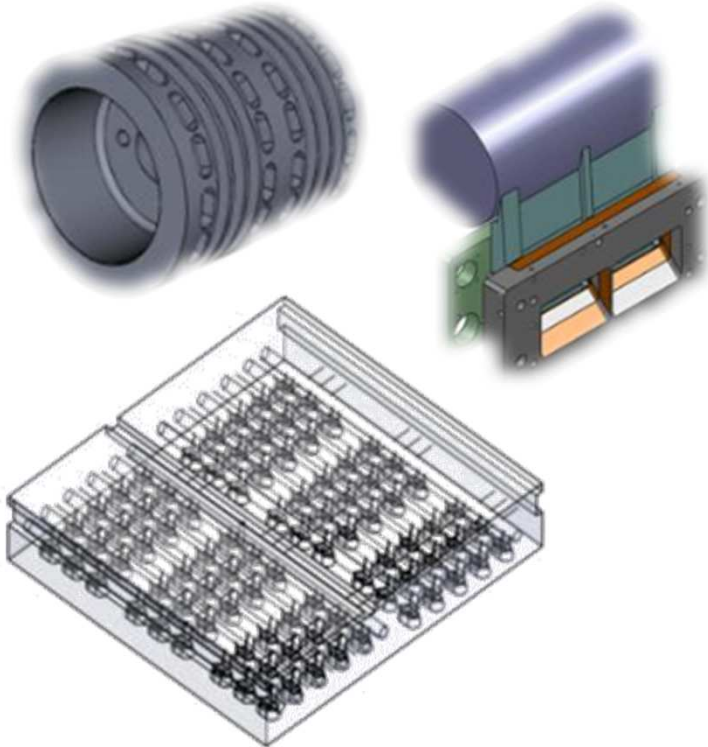
- The blister layout is highly customized, and each change part design reflects this.
- The customized designs need many feasibility checks, design calculations, drawing efforts, drawing efforts.
- Since there are many design considerations and they are difficult to document, the design process is person-dependent

### Benefits :

- Drawing release time reduced One day to half day
- Designers are free for more innovative work

*"CADEC provides easy logic building , it is customizable as per the need & options so saves lots of design time"*

*Mr. Kaustubh Kulkarni*  
*General Manager - Change Parts*

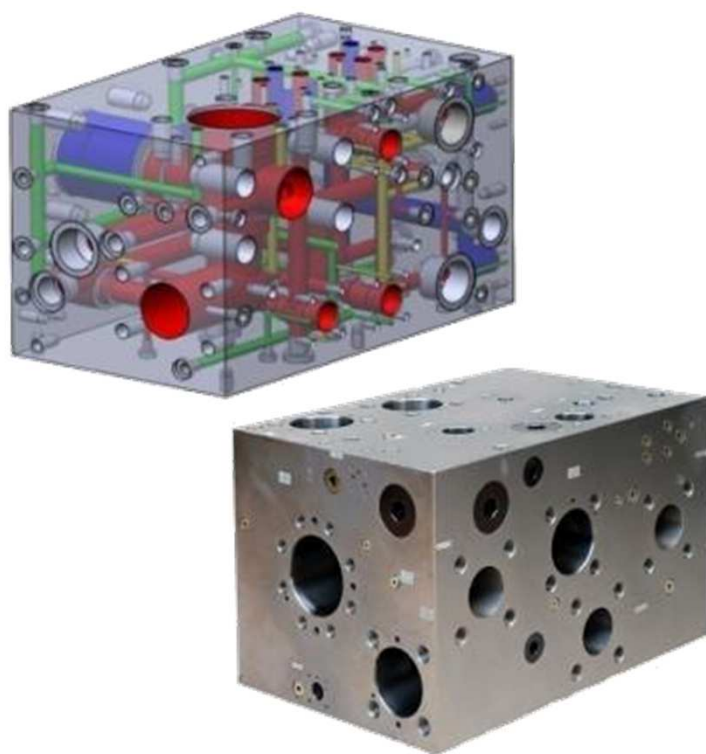




# Person Independency

## Polyhydron Systems Pvt. Ltd. (PSPL)

Manufacturer of Electro-Hydraulic Systems, Hydraulic actuators, Manifold Assemblies, Special Valves.



### Challenges

- Lengthy Design Process
- Manifold design was taking time
- Manual errors in drafting
- Lots of correcting and rework required
- Person dependent design work

### Benefits

- Design time reduction from 12 hours to 6 hours.
- Design Accuracy, Manual errors are eliminated.

***“Because of the user-friendliness of CADECWorks, our team could learn SolidWorks and CADECWorks in the shortest time and now our deliveries are planned and dispatched on the time and we are not dependent on individuals for the case now.”***

***Mr. Sujit Tilve**  
**Manager Application Engineering***



**PSPL**



# Mass Based Customised Quotations

## Leading Manufacturer of Storage Systems

Manufacturer of Material Handlings crates & bins



### Challenges

- Complex logic for component and parameters selection
- Slow performance of 3D CAD for large number of parts
- Drawing of layout and details views
- Possible errors in selection logic

### Benefits

- The response time is drastically reduced from 2 days to 15 minutes
- Sales persons can able to give quotation without any designers help
- Enquiries increases

***“CADECWorks is useful for non technical persons in creating drawings and BOM. It avoids human efforts and errors”***

***Head product development & technical marketing***



# Drastic Reduction In Design Efforts

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Major Manufacturer of manufacturing automation systems

## Challenges

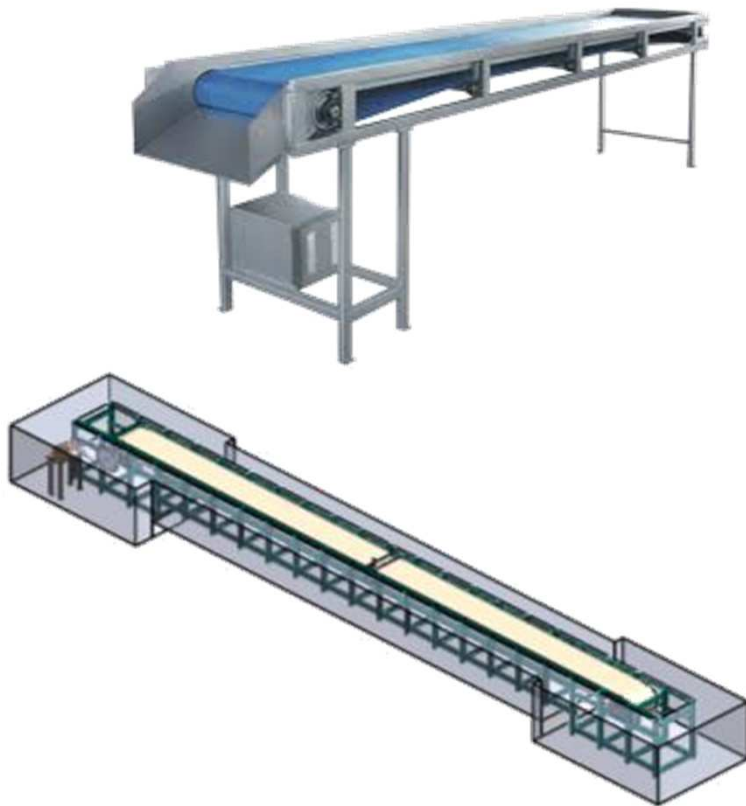
- Selection based on Domain knowledge
- Responding to enquiries is time consuming process

## Benefits

- Design time reduction 10 times Approx
- Design Cost reduction 10 times Approx.
- Time to Market:- Instant
- Design Accuracy:-Manual errors are eliminated.

***“CADECWorks is useful for doing complex calculations with elimination of need of domain knowledge. It avoids human efforts and errors.”***

***Asst. General Manager**  
**Technical Marketing***







# Standardized Design Process

Dran Engineers Pvt. Ltd.



Manufacturers of systems like Welding & machining Fixtures want to standardize design process because....

- Every designer models components / sub systems in a different manner, as there is no standardization
- Repetitive design work and errors due to that

## CADEC Approach

**Subsystem creation time reduced from 2 hours to 20 minutes.**

CADEC provides - Configuration system for standard sub system

Standardization of – Units, Assemblies, Boughtouts, Materials



***“CADECWorks is useful in standardization and enabling designers to think logically. It is also useful in design error reduction”***

***Director  
Dran Engineers Pvt. Ltd***

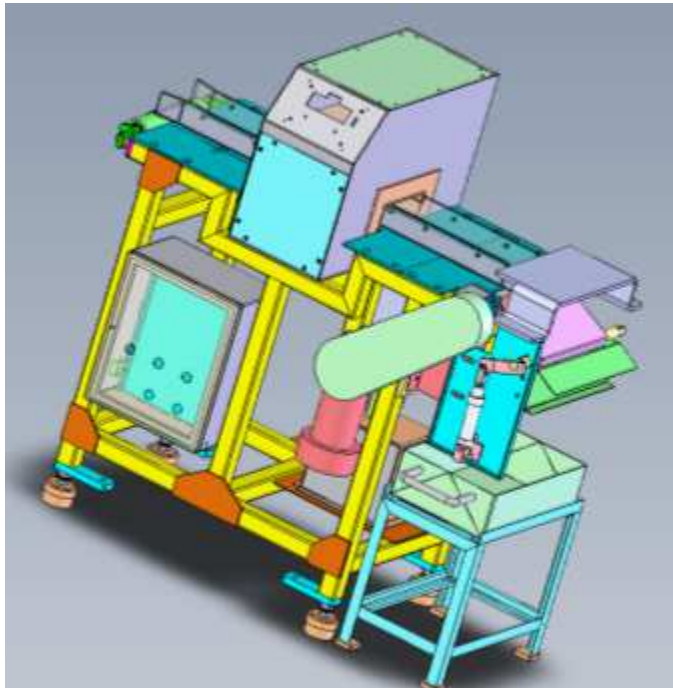
**DRAN**  
ENGINEERS PVT. LTD.



# Quick and Accurate Designs

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Technofour Electronics Pvt Ltd



Non destructive testing machines manufacturer

Solutions for food / pharma industries

- Every testing machine is customised
- Design team involved in creating drawings, BOM for each order.

## CADEC Benefit

Manufacturing drawing release time reduced from 3 days to 1 hour

*"CADECplus helped us in standardizing drawings, eliminate manual errors. Further our design team is now free for product development."*

Technical director  
Technofour Electronics Pvt.Ltd.

Technofour



## Reduced Design Time

## Horizon Chutes Pvt. Ltd.



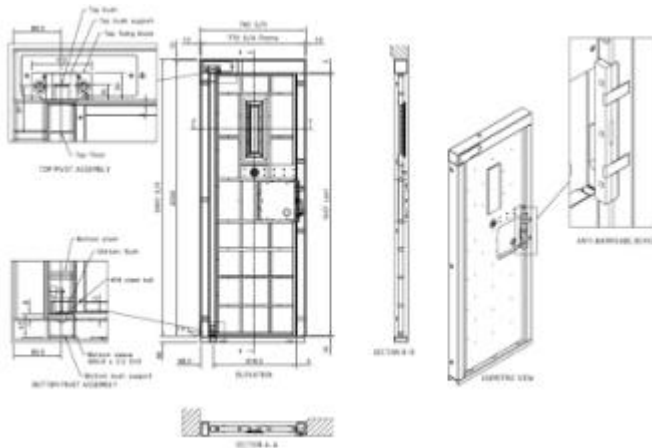
- Designing a product like Fire Door Specific to Customer requirements is a time consuming process
- There are variety of hardware with many variations need to be assembled.

## CADEC Approach

## Design time reduction from 4 hours to 15 minutes

***“CADEC is useful in capturing logic and formulae and linking them with design library to reduce redesign time and errors”***

**Managing Director**  
**Horizon Chutes Pvt. Ltd.**



## Reduced Design Time

## Horizon Chutes Pvt. Ltd.



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