

Proper Group technologies

Digital Transformation

In order to transform our business and automate manual processes we have developed "Proper Tooling Center" – code name "Project Waterfall". This is a customized data base center that will help us reduce paperwork, streamline our processes, eliminate redundant data entry and increase information visibility to the whole team. This was accomplished by leveraging Microsoft Products such as Dynamics 365 and SharePoint. Along with Microsoft Products we have added Experlogix, which is one of the leading companies in CPQ world (Configure Price Quote).

Completed Phases

With Phase 1 and 2 completed at the end of May 2021, we have finalized Sales / Estimating section of our Proper Tooling Data Center. Sales Team can now enter Quote Information for New Tooling Quotes in Dynamics 365, as this information will be transferred over to Experlogix and be used by our Estimating Team to complete Mold/Tool Cost as per our customer requests. Addition of new applications to Proper's arsenal will empower us to deliver customized, accurate and faster tool quotes in this extremely competitive world market. By completing this phase, we have eliminated our Request For Quotation Form 3.1. Eliminating Excel documents and operating from a web-based application will allow us to tie quoting and budgeting activity with purchasing functions.

Future Phases

As our Tooling Quotes are sent to the customer and these turn into Awarded Jobs, our next phase of Digital Transformation will include converting Quotes to Job Orders which subsequently will become our well known APQP and Change Orders. Along with digitizing APQP we will develop Data Requests, Request for Tryout and all other forms used by Program Management Team.

This transformation will be ongoing throughout the rest of the year. It will modernize and improve the efficiency of our process....working to streamline the flow of information among all stakeholders, from the customers through our program management and design teams, into the manufacturing areas and ultimately to tryout and final ship. We will continue to update progress in subsequent newsletters and look forward to input from current and future users of the information.

Doug Draca

Director of Technical Services

Proper Group PROPER TOOLING CENTER

+ New Page details Analytics

EXECUTIVE

QUALITY

CUSTOMER

DATA MGT

SALES ESTIMATING

PROGRAM MGT

ENGINEERING

PURCHASING

MANUFACTURING

SCHEDULING

PGI APPLICATIONS

GENERAL INFO MOLD SPECIFICATIONS ESTIMATING INPUT MOLD BIDS PURCHASED COMP SUBCONTRACT BUILD OPERATIONS POST BUILD BUDGET DETAILS BUDGET MGT MOLD SUMMARY

QUOTE SUMMARY IT ADMIN

MOLD SUMMARY CONSTRUCTION

Core Solid – Cavity Solid

MOLD CONSTRUCTION		TOOLING REQUIREMENTS	
Tool Type	Production Injection Mold	Build Standards	Customer
Material	2 Plate SSM	Customer Std Rev Level	General Specification for_molds_V15.2.13015
Material	64.6 x 64.6	Hydraulic Section	Yes
Material Size L x W x H	33.75	Core Supplier	General
Material Weight (Lbs)	12754	Core Qty / Type	A / S&S
Quantity	4	Moldflow Type	HS Cast Warg
Type Of Cavity	Family (1/16)	Moldflow Source	Repeat
Cavity Contribution	Cavity Solid	Gate Type	CastNew
Cavity Block Size / MH	50 x 20 x 8 / P-22-101	Feature Type / Source	Feature Type / Source
Cavity Contribution	Cavity Solid	Core Surface Finish	Core Surface Finish
Cavity Block Size / MH	50 x 20 x 8 / P-22-101	Special Requirements	Special Requirements
Casting Type	None	Injection Tryouts	5
Substrate Qty	10	Parts Per Tryout	300
Substrate Qty	4	Resin Supplied By	Customer
Action MH	P-22-101	Part Shipments	5
Offsite Qty	8	Mold Shipments	5
Offsite Qty	4		