WORKSHOP

REDUCTION OF GRINDING PROCESS COST UNDER CONSIDERATION OF PERFECT EDGE QUALITY AND HIGHEST PROCESS STABILITY

SUMMARY

Grinding process cost are influenced by a wide range of factors and parameters. Some of the factors are given respectively defined by expectations of end customers or simply fixed in corresponding specsheets. During the workshop participants will develop an understanding which of the cost influencing factors are the variable ones which could be changed to their advantage. The team guiding the workshop will share experiences from practise which of these variables offer which kind of potential. Participants will get an understanding which innovation from Glastons latest machine generation could be adapted also for older machine generations as a retrofit to help exploit identified saving potentials always keeping in mind that retrofits require a high effort-benefit ratio. The target of the workshop is to give participants a new holistic view on the whole process, new sights and ideas to detect potentials for savings when they return back to work.

KEY POINTS

- Holistic view on whole process
- Grinding cost defining parameters
- Saving potentials
- Grinding allowance and NC code generation
- Latest innovations, retrofits, toolbox

COURSE TIMETABLE 14TH OF JUNE 2023

9:00 :	Start of workshop
15 min :	Welcome, introduction of participants
35 min :	Frame conditions and base quality requirements
50 min :	Brainstorming cost defining process factors
50 min :	Clustering, prioritization, potentials
50 min :	Tool box for support and optimization
40 min :	Wrap up, summary and questions
13:00 :	End of workshop

DURATION : 4 Hours

ORGANIZER(S)

ROBERT KRAUS, VICEPRESIDENT GLASTON CORPORATION

Degree in Engineering Dipl. Ing. (FH) 1994, University of applied sciences Furtwangen (Germany) and De Montfort University Leicester (United Kingdom). Robert started his career at Bosch in Germany as a product manager in the aftermarked for complex automotive products and systems. After that, he worked for more than 10 years as a sales manager and business unit leader in the capital industry before joining the glass industry about 15 years ago. He was in charge of global service operations at Bystronic Glass for about 10 years, today he is responible for Glastons new service offerings and product management for service products.

JÖRG LEYENDECKER, SENIOR PROCESS ENGINEER GLASTON SWITZERLAND

Degree in Laser Technology Dipl. Ing. (FH) 2006, University of applied sciences RheinAhrCampus (Germany).
Jörg is one of Glastons process specialist for R&D topics in glass pre-processing like cutting, grinding and drilling and a technology expert for integration and realization of new applications.

DIRK RICHTER, SENIOR PROCESS EXPERT GLASTON SWITZERLAND

Project Manager SGD Darmstadt 2015, Bachelor of Business SGD Darmstadt 2017
Dirk joined Glaston about 5 years ago, today he is one of the proven experts for the NC code generation software which delivers the base for all relevant processes like cutting, breaking and grinding.

TONI SCHÜRCH, SALES & APPLICATION ENGINEER DIAMETAL ABRASIVES SWITZERLAND

Close to 25 years of experience as a sales and application engineer at Diametal Switzerland for superabrasives. Proven expert for diamond grind technology and abrasive processes. Toni is part of Glastons process expert team to advise customers in grinding process questions, with his profound knowledge and experience he helped to develop Glastons own grinding solution «Hyperfex»