TABLET TOOLING
INSPECTION AND INVENTORY
MANAGEMENT SYSTEM

TIIM 100 i

PACIFIC TOOLS PVT. LTD.®

Turning Technology..... into Action

Pacific tools, being a leading tablet tooling manufacturer for almost 2 decades have come across many requests from customers for a reliable & efficient solution for tablet tool inspection & paperless tool room management.

Based on an extensive research on this requirement & after analyzing all the available latest measurement technologies, TIIM 100, the most reliable tool inspection system was developed & launched in November 2015.

After installing TIIM 100, the users were relieved from time consuming, painstaking, laborious experience of inspecting with redundant / manual instruments. The consistent and accurate results achieved were unparallel. Latest non-contact measurement instruments from the best of manufacturers and the latest "Lab view" software from "National Instruments" are used to achieve these results.

MEASURABLE PARAMETERS

- **PUNCH:**

  BARREL DIA

  TIP SIZE

  TIP Vs BARREL CONCENTRICITY

  WORKING LENGTH

  OVERALL LENGTH
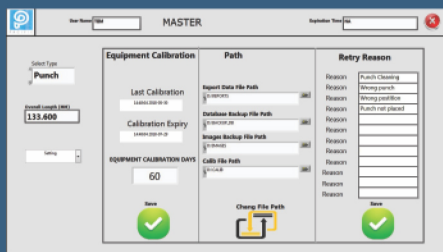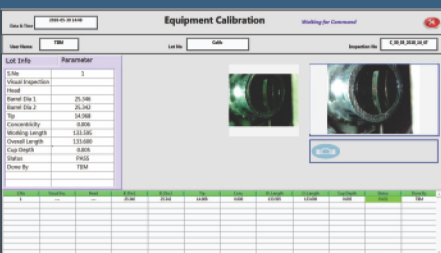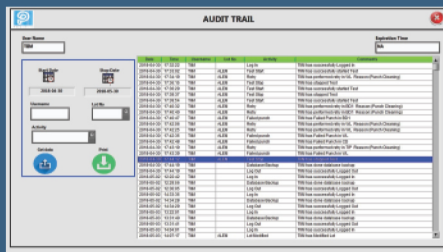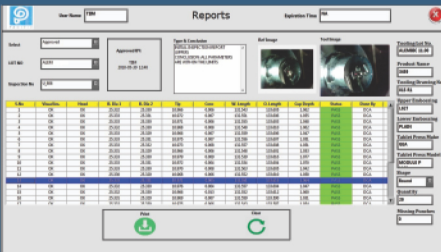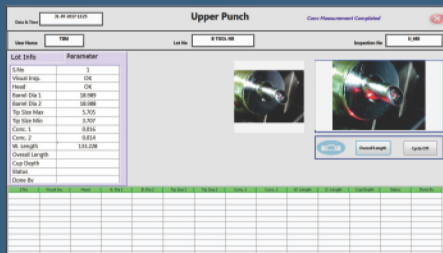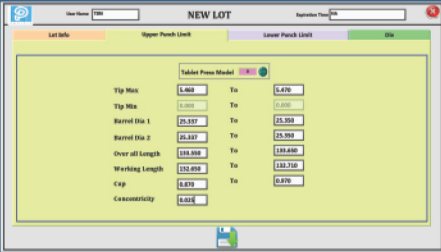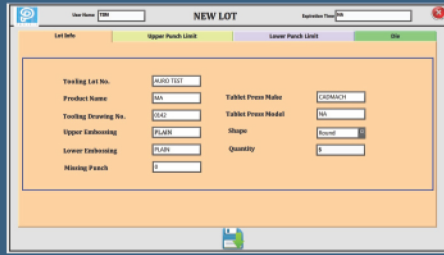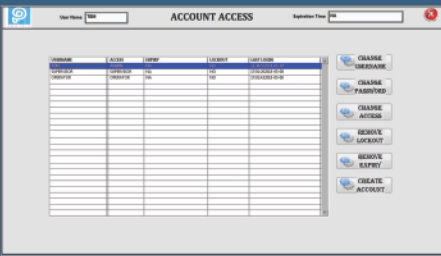
  CUP DEPTH

  TIP IMAGE VIEW & STORAGE

- **DIE:**

  DIE OD

  DIE HEIGHT

FEATURES

- SIMPLE, STURDY & SAFE DESIGN
- NON-CONTACT MEASUREMENT
- SUPPORTS ALL SHAPED TOOLINGS
- COMMON FIXTURE FOR D,B,BB & BBS TOOLING
- MEASURES ALL PARAMETERS INCLUDING CONCENTRICITY
- USER FRIENDLY, LESS TIME CONSUMING
- SKILLED OPERATORS NOT REQUIRED
- REPEATABILITY ± 0.001 mm

SECURITY:

- 21 CFR PART 11 COMPLIANT
- AUDIT TRAIL
- UNLIMITED STORAGE OF ENCRYPTED DATA
- MULTI-LEVEL USER ACCESS CONTROL
- ELECTRONIC SIGNATURE
- RECIPE MANAGEMENT

e-TOOL ROOM MANAGEMENT

After successfully launching of tool inspection machine and well accepted by the users, we still found process gap in tool room management. Hence launched e-tool management suite which is tailor made application designed & developed by the domain experts specifically for tablet tool room management. The technology used is "VB .Net" from Microsoft.

This application covers all mandatory verticals of tool room activities. Right from tool indent to tool destruction. All activities and functionalities are covered in this application. Multiple Users with complete access control & email alerts for any activity awaiting approval/action are provided which is simple & configurable as per user requirements.

In built controls for issuance of tools as per the pre-defined SOP, thus assuring that the lot life is with-in the SOP limits and within the inspection due date. The serial numbers of the tools are selected on progressive manner so that all tools have optimal usage.

The users of this suite are excited with the lead time reduction in managing tool room activities and elimination of manual errors leading to 100% compliance.

FEATURES

- Electronic tool room management
- Tool life cycle management with entire history
- Complete access controls with multiple user logins
- Batch v/s tool usage records
- Complete visibilty on issues, receipts & storage location
- Electronic log book
- One click tool inventory status

- Online access to tool drawings & storage of MOC certificates
- Alerts – indent & expiry
- Reports – wear & tear trends
- Report on product master
- Tool inspection reports and retrieval records
- Rejected tool destruction records
- Covers inventory of dust cups & oil

MACHINE SPECIFICATION

Overall dimension	:	1650 X 750 X 900 mm
Weight	:	300 kg
Inspection capacity	:	100 Punches / hour. 300 Dies / hour
Electricity	:	Single phase, 230V, 50 Hz, 0.5 HP
Compressed air	:	0.1CFM, 5 bar