

HAIMER®
Quality Wins.



M A S T E R C A T A L O G

HAIMER®

PRESETTING TECHNOLOGY



HAIMER



Presetting
Technology



HAIMER i4.0 Tool & Data Management

HAIMER Data Analyzer & Controller

- System compatibility of each component – everything from the single source “HAIMER”
- Modular set-up – customer can start at each step
- HAIMER DAC connects all hardware components
- Data transfer through all interfaces to the machine tool
- Simplified tool management
- Reduction of manual data entry errors – high process-security

1 CAD/CAM-system

- Simple transfer of the generated job to the tool vending system for commissioning

2 Tool Management & Commissioning

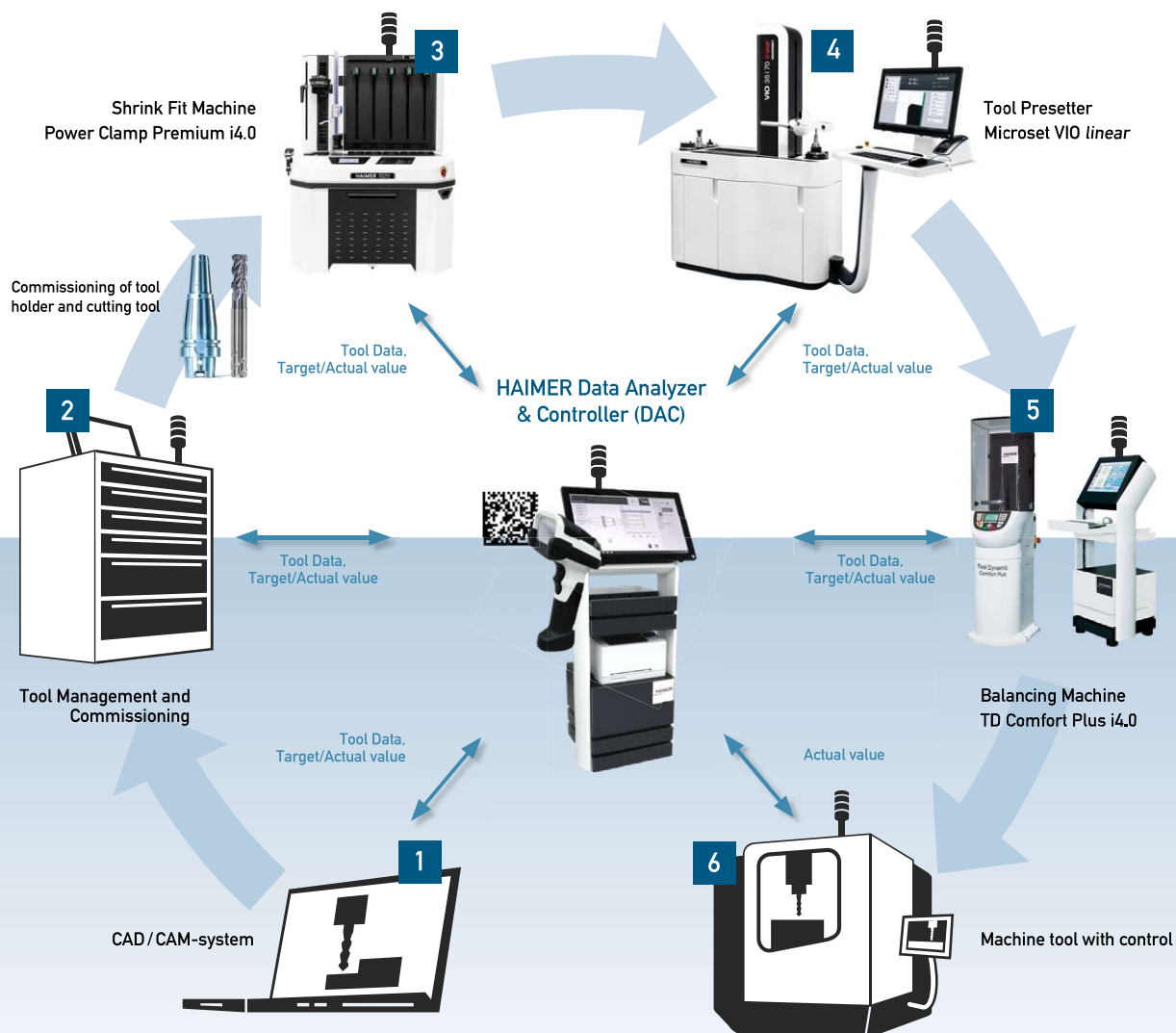
- Signal light indicates open job order
- Clearly arranged selection of the job that needs to be commissioned
- Simple commissioning through stock shelf indication of all components, through illustration of complete tool assembly and through showing exact position within the stock shelf
- Automatic output of needed components through on-screen selection
- Interactive step-by-step instruction for highest process security and low error rates
- Job transfer to the shrink fit machine through HAIMER DAC

3 Shrink Fit Machine Power Clamp Premium i4.0

- Signal light at the right assembly station indicates the next step (shrinking in the cutting tool or assembly at the tool clamp)
- Scanning the data-matrix code off the tool holder recalls the required assembly parameters from the database (shrinking parameters, length adjustment, torque etc.)
- Pictographic assembly instruction in the system helps for visual check
- Subsequent job transfer from HAIMER DAC to the tool presetter

4 Tool Presetter Microset VIO linear

- Signal light indicates open measuring jobs
- Scanning the data matrix code recalls the open job from HAIMER DAC and starts the automatic measuring process
- Once the measuring job is successfully completed, the values will be stored. If the balancing grade of the tool is defined in the job, the data will be transferred from the HAIMER DAC to the balancing machine



5 Balancing Machine TD Comfort Plus i4.0

- Signal light indicates open balancing jobs
- Identification of the tool via data-matrix code and hand scanner
- The requested balancing parameters are recalled from the data base
- After recalling the tool ID from the system, the balancing process can be started
- Once the balancing job is successfully completed, the data is transferred to the HAIMER DAC

6 Machine tool with control

- Selection of tool and balancing data via data-matrix code scan when loading the machine
- Automatically, the machine control takes over all previously transferred tool data
- Recall and transfer of tool life to the HAIMER DAC via data-matrix code scan when unloading the tool from the machine tool