



## ELAM TOOLING

Monitoring and storage of tool data

Working the smart way

# DIGITAL MONITORING WITH ELAM TOOLING

Assembly tasks are becoming increasingly complex. The trend is towards more variants, smaller batch sizes, shorter product life cycles and fast personnel turnover.

With the **ELAM Tooling** package from **Armbruster Engineering**, we offer a cost-effective, simple solution by which our ELAM system can monitor all the screwdrivers listed below and document their results. No screw will go forgotten again, incorrect settings are prevented. This gives us security, as work can only progress if both the number and the values are correct and saved in the database.

You receive the ELAM Tooling Software preinstalled on our SWA-Mini Client „Wifi/ Ultra“ (STAMA No.: 3320). In the basic licence, connections are already provided for up to three screwdrivers. You can connect additional screwdrivers at any time by acquiring further licences. To call up the processing sets or product variants, you can use the scanner integrated in the tool. Alternatively, you can obtain an external scanner. To visualise the results and facilitate setup, a touch panel (STAMA No. 3158) can be connected.

## YOUR BENEFITS

- Training times are minimized
- Erros are almost eliminated
- Controlled assembly is possible even with a high number of variants
- Working speed is increased, while process reliability is also improved
- Controlled screwdriving processes via OpenProtocoll or Bossard screwdriver

## CONTENTS OF THE ELAM TOOLING PACKAGE

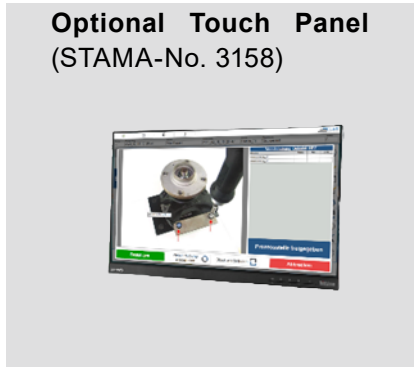
**SWA-MiniClient „WiFi/ Ultra“**  
(STAMA-No. 3320)



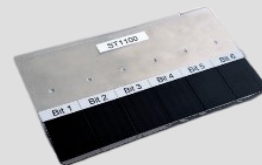
**Optional 2D-hand-scanner**  
(STAMA No. 3450)



**Optional Touch Panel**  
(STAMA-No. 3158)



**Optional:** Bitcube with six inserts (STAMA No. 3562) to hold the bit inserts



## CONNECTABLE SCREWDRIVERS



Bossard screwdriver  
with integrated scanner  
(STAMA Nr. 3843)



Bossard screwdriver  
without scanner  
(STAMA Nr. 3842)

- AMT
- APEX
- Atlas Copco
- Desoutter
- IR Ingersoll Rand
- Kolver K-Ducer
- Stanley
- etc.





## DELIVERY PACKAGES & PRICES\*

<b>1</b>	<b>ELAM Tooling with SWA and basic license incl. 3 Screwdriver</b>	<b>€ 4.495,-</b>
<b>2</b>	<b>Optional additional screwdriver connections per piece</b>	<b>€ 810,-</b>
<b>3</b>	<b>2D-hand-scanner</b>	<b>€ 405,-</b>
<b>4</b>	<b>Touch panel 23"</b>	<b>€ 540,-</b>
<b>5</b>	<b>Bitcube</b>	<b>€ 1.260,-</b>
<b>6</b>	<b>Bossard screwdriver</b>	<b>€ 6.325,-</b>
<b>7</b>	<b>Bossard-screwdriver with integrated scanner</b>	<b>€ 7.175,-</b>
<b>8</b>	<b>Package price ELAM Tooling incl. Bossard screwdriver with integrated scanner</b>	<b>€ 10.995,-</b>

Tools must be provided or separately ordered. Their connection is described in the Quickstep.

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**Package prices net ex works Bremen, not incl. VAT and shipping.  
Setup by your own.**

\* Subject to price alteration

## CONTACT

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