

# Enhanced Durability, Faster Processing: RAKU<sup>®</sup> TOOL WB-1258 for the Foundry Industry

RAMPF showcases high-performance polyurethane board at Cast Expo 2025 in Atlanta, GA – Booth 2629

© RAMPF Group, Inc.

Page 1 of 3

**Wixom, MI, USA, April 3, 2025.** RAMPF Group, Inc. is presenting its highly durable and wear-resistant polyurethane board, RAKU<sup>®</sup> TOOL WB-1258, at Cast Expo 2025 in Atlanta, GA, from April 12 to 15 – Booth 2629. Designed specifically for core boxes and patterns, this advanced material delivers unmatched longevity and efficiency.

### Key Facts

1. RAMPF's polyurethane board RAKU<sup>®</sup> TOOL WB-1258 offers outstanding abrasion resistance, delivering over 100,000 replications.
2. The cost-effective system reduces machining times by up to 50 percent compared to standard products.
3. A further highlight at Cast Expo: RAMPF's high-performance polyurethane board RAKU<sup>®</sup> TOOL WB-1223 for foundry patterns, hammer tools, and checking fixtures for metal parts.

### RAKU<sup>®</sup> TOOL WB-1258 – Unmatched abrasion resistance



RAKU<sup>®</sup> TOOL WB-1258 surpasses conventional plastics used in pattern and mold making. Developed in collaboration with leading foundries worldwide, this polyurethane board offers outstanding abrasion resistance, delivering over 100,000 replications while reducing machining times by up to 50 percent compared to competing products.

Key features of RAKU<sup>®</sup> TOOL WB-1258:

- Exceptional dimensional accuracy and stability

**Enhanced Durability, Faster Processing: RAKU<sup>®</sup> TOOL WB-1258 for the Foundry Industry**

RAMPF showcases high-performance polyurethane board at Cast Expo 2025 in Atlanta, GA – Booth 2629

- Uniform surface quality
- Superior impact and edge strength
- Excellent chemical resistance with zero swelling
- Minimal sand adhesion

Main advantages of RAKU<sup>®</sup> TOOL WB-1258:

- Efficient production – Direct milling from CAD data for precise, high-speed manufacturing
- User-friendly processing – Simple modifications and adjustments, limited handling of liquids
- Cost-effective – More than 80 percent cost reduction compared to steel
- Lightweight – Easy handling and transport
- Sustainable – Includes recycled polyol derived from recycled PET bottle flakes

**RAKU<sup>®</sup> TOOL WB-1223 – Highly versatile and cost effective**

A further highlight at this year's Cast Expo is RAKU<sup>®</sup> TOOL WB-1223, a highly versatile and durable tooling board widely used across industries for applications such foundry patterns, hammer tools, and checking fixtures for metal parts. The easy-to-machine polyurethane board offers outstanding abrasion and impact resistance as well as excellent dimensional stability.

**Explore RAMPF's cutting-edge solutions for pattern and mold making at Cast Expo 2025 in Atlanta, GA, from April 12–15 – Booth 2629!**

## Press Release

### Enhanced Durability, Faster Processing: RAKU® TOOL WB-1258 for the Foundry Industry

RAMPF showcases high-performance polyurethane board at Cast Expo 2025 in Atlanta, GA – Booth 2629



© RAMPF Group, Inc.

Page 3 of 3

[www.rampf-group.com/en-us/](http://www.rampf-group.com/en-us/)



RAMPF Group, Inc., based in Wixom, Michigan, USA, is a market-leading specialist for

- > Mixing & dispensing systems for the reliable processing of polymers
- > Two-component polymer systems based on polyurethane, epoxy, and silicone
- > Modeling and mold engineering materials, in particular for the automotive, marine, and aviation industries
- > Machine bases, machine frames, and other structural components made from mineral casting (polymer concrete)

RAMPF Group, Inc., is a company of the international RAMPF Group based in Grafenberg, Germany.

Published by:

**RAMPF Group, Inc.**  
49037 Wixom Tech Drive  
Wixom, Michigan 48393, USA  
T +1.248.295-0223  
F +1.248.295-0224  
E [info@rampf-group.com](mailto:info@rampf-group.com)  
[www.rampf-group.com](http://www.rampf-group.com)

Your contact for images and further information:

Benjamin Schicker  
**RAMPF Holding** GmbH & Co. KG  
Albstrasse 37  
72661 Grafenberg, Germany  
T + 49.7123.9342-1045  
F + 49.7123.9342-2045  
E [benjamin.schicker@rampf-group.com](mailto:benjamin.schicker@rampf-group.com)