Praxair Surface Technologies pioneered many of the technologies in metal powder manufacturing and is recognized as a leader in high-performance industrial powders. Now, through our line of **TruForm™** metal powders and precision alloys, we apply this expertise to metal powders specifically for demanding AM applications.

**TruForm™** metal powders are premium-grade, for trusted quality to meet some of the tightest specifications in the world. Our production processes and unmatched capacity allow us to produce **TruForm™** metal powders at high volumes, with flexible lot sizes ranging from 5 kg to 2,500 kg.

Call the **TruForm™** Advance Team for a free powder formulation consultation at +1 317 240-2650, or +49 (0) 8370 9207 0.

Visit: praxairsurfacetech.com/am

Email: praxir_am@praxair.com

**Over 50 years of metal powder manufacturing experience**

Praxair Surface Technologies pioneered many of the technologies in metal powder manufacturing and is recognized as a leader in high-performance industrial powders. Now, through our line of **TruForm™** metal powders and precision alloys, we apply this expertise to metal powders specifically for demanding AM applications.

**TruForm™** metal powders are premium-grade, for trusted quality to meet some of the tightest specifications in the world. Our production processes and unmatched capacity allow us to produce **TruForm™** metal powders at high volumes, with flexible lot sizes ranging from 5 kg to 2,500 kg.

Call the **TruForm™** Advance Team for a free powder formulation consultation at +1 317 240-2650, or +49 (0) 8370 9207 0.

Visit: praxairsurfacetech.com/am

Email: praxir_am@praxair.com
Metal AM is opening new frontiers in the possibilities of parts engineering. Today’s AM parts are designed to be more efficient and dynamic than ever to solve the world’s most demanding applications.

Are your parts submitted to:
• Higher pressures?
• Extreme temperatures?
• Longer life cycles?

Does your application require:
• Light weighting?
• Part consolidation?
• Higher density?

Formulate a precision powder that’s up to the task

Tru2Spec™ precision powder formulation, only from Praxair, enables you to create a custom AM metal powder that meets the exact specifications of your most demanding applications. No more guessing if an off-the-shelf powder will hit the spec and meet your requirements.

With precision formulation, you’ll know you have the right material for the task.

How Tru2Spec™ works

Phase 1

Evaluate your custom powder before it’s ever produced
• Collect application specifications:
  • Operating environment
  • Desired powder characteristics
  • Part production method
• Develop precision powder formulations
• Create detailed powder profile and analysis:
  • Chemistry profile
    — Particle sizing
  • Flowability measures
  • Certifications specific to your requirements

Phase 2

Test powder performance in trial-sized batches
• Produce small lots (as little as 5 kg) of powder for customer testing, verification and potential printing
• Refine powder formulation based on trial results
• Conduct quality assessments and create scale-up documentation

Phase 3

Production scale-up
• Produce approved powder for commercial use
  • Produce custom powder in lot sizes from 5 kg to 2,500 kg
  • Deliver powder in a matter of weeks, not months

About the TruForm™ Advance Team

Tru2Spec™ precision powder formulation is led by a team of specialized Praxair engineers, scientists and technicians. With decades of experience in metallurgy and powder atomization, the TruForm Advance Team works to ensure your precision powder delivers the properties, specifications and performance your application demands.

How to get started
Call the TruForm™ Advance Team for a free powder formulation consultation at +1 317 240-2650 or +49 (0) 8370 9207 0.