



# VALUE OF TRANTEX

## THERMOPLASTIC DIES

The Trantex die is an incredibly unique thermoplastic die. This flyer highlights the obvious dramatic differences versus other thermoplastic die choices. The Trantex die has unique features that make a huge difference everyday with users of all experience levels.

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unique equipment for  
a dramatic difference

# Features & Benefits

## CONSTRUCTION:

Weighing in at nearly twice the mass of its competitors, Trantex dies are manufactured with more steel than any other die on the market. Thicker walls and larger overall mass offer several key benefits.

- 1. Maintenance of surface seal.** When faced with irregular and uneven surfaces, the heft of the Trantex die works tirelessly to maintain the surface seal and to produce crisp, even lines.
- 2. Enhanced temperature stability.** More steel means more stable temperatures, greater consistency, and superior line quality. No more rapid temperature spikes!
- 3. Reduced propane use.** Heavier and greater capacity Trantex dies are faster and easier to operate, gaining efficiency through increased production speed and reduced operator involvement.
- 4. Tool-free quick-change die.** Simple and efficient hand-tight levers allow quick and effortless die changes, with the bonus of allowing for die rotation during operation.

## CAPACITY:

Trantex dies carry more melted material than any other die – 30% more than the closest competitor and 160% more than aluminum dies.

- 1. Increased “down pressure.”** The additional capacity improves the die’s ability to adhere to the road surface and stabilizes die movement in all directions, especially when encountering more challenging road surfaces.
- 2. Added heat mass.** A greater volume of thermoplastic increases the die’s heat mass, contributing to greater control of die movement as well as stabilizing the die temperature. Stable, consistent temperatures always improve line quality, regardless of an operator’s experience level.

## METALLURGY:

Composed of 100% hardened steel, it is virtually impossible to warp or distort a Trantex die, and temperature stability is unmatched.

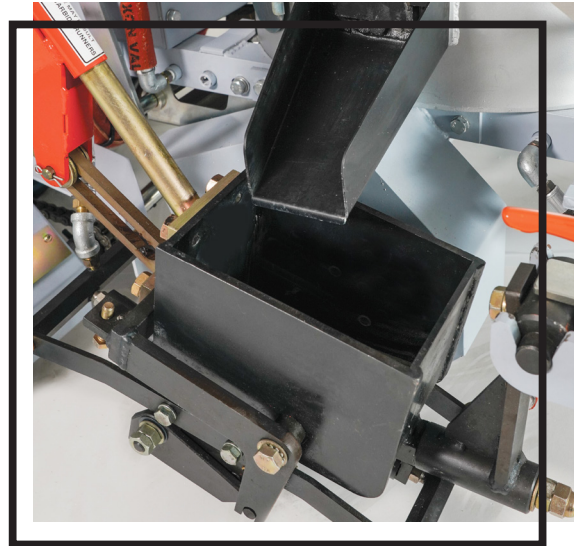
- 1. No rapid temperature spikes.** Upon application of a hand torch, an aluminum die will spike from ambient temperatures to 250°F in as little as ten seconds. In that same scenario, a steel die will only rise to about 140°F. Aluminum heats faster, but it also drops heat just as quickly. An aluminum die can drop from 400°F to 225°F in ten seconds.
- 2. No hand torch.** Extreme fluctuations in aluminum die temperatures require hand torch application and lead to die distortion. The hardened steel of a Trantex die eliminates the need for a hand torch, maintaining a steady, even temperature with no operator intervention.
- 3. No die shrouding.** Trantex die metallurgy eliminates the need for die shrouding, as it easily stays warm when fully exposed. No disruption of vision and sight marks makes it easier to follow road patterns, chalk lines, and stencils.

## ACTUATION:

Engage and disengage Trantex dies with a simple push/pull motion, ensuring quick, precise starts and stops. Positive shut-off action means no more poor line endings and excess drip.

## A SUPERIOR, USER-FRIENDLY THERMOPLASTIC EXPERIENCE

Combining the weight of the die and the onboard thermoplastic, Trantex dies have an incredible down pressure weight advantage of 43%. In conjunction with stabilized material temperatures, superior metallurgy, and fool-proof actuation, this all makes clear that Trantex dies are the finest on the market.



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