



TDS

TRENCH DRAIN SYSTEMS



Heavy Traffic



Commercial



Light Commercial



Residential

PROVEN
DRAINAGE SOLUTIONS



Who We Are

Trench Drain Systems (TDS) is one of the largest national distributors of trench drain and accessories in North America. With more than 20 years of online presence, TDS has been a pioneer in changing the way the construction industry purchases drainage supplies. Trench Drain Systems is also a manufacturer of large volume, heavy duty trench systems, chemical resistant products and decorative grating.

Brief History

Founded in 2004, Trench Drain Systems was the first online source dedicated to trench drain distribution. From humble beginnings in Easton Pennsylvania, TDS has continually worked to educate the marketplace, assist customers in the drain selection process and excel in customer service. Our company slogan, "Fast Drainage • Quick Solutions" sums up this philosophy. TDS also launched the world's first blog dedicated to trench drains and two online stores in support of these goals.

In 2013, we moved the headquarters to Fremont Ohio to be more centrally located for our customers and suppliers. Since that move, TDS has continued to grow with additional warehouse space, engineering staff and manufacturing capabilities; all to help establish and support our collection of successful and growing trench drain product lines. Today, TDS is conveniently located in I-80/90 & I-75 corridors of Northwest Ohio.

Why Choose Us?

SELECTION - Trench Drain Systems is a national distributor for most name brand trench drain manufacturers. We strive to offer the most comprehensive drainage selections with off-the-shelf, niche and custom options, we are the largest stocking distributor of drainage products from POLYCAST® and ULMA Architectural Solutions. TDS has also purchased and developed product lines to help serve the ever-changing needs of our customers. Our Trench•Era large volume drains continue to be popular selections for transportation and heavy drain applications. Our MAX Mini deck drains and Bronze Age decorative grating in bronze, aluminum, stainless and galvanized steel are examples of products developed to meet growing residential drainage needs. Similarly, our stainless steel series channel drains are designed to meet the demands of chemical, food and brewery markets.

SUPPORT - Our Staff offers expert drainage design and product recommendations for your project. Our in-house engineering staff provides free technical support and professional CAD layout drawings.

DISTRIBUTION - Trench Drain Systems is conveniently located in Northwest Ohio, within a two-day direct shipping radius of 60% of the US population. Large inventories of select products allow for shortened lead times for direct ship products. Drop shipments from our manufacturers are used when they expedite the delivery process.



Drainage Solutions

Our selection of channels handle drainage capacities ranging from 30 to 6,700 Gallons Per Minute (GPM). Whether you're installing a pool, starting a brewery or working on a major transportation project, we can recommend the right drainage solution.

Light/Residential Traffic



**Patios • Pools • Parks • Spas
Residential • Memorials**

- 3" Plastic Channels
- High End Look
- Grate Options in Bronze, Cast Iron and Stainless Steel
- 3 Styles of Metal Edging
- 12 Grate Designs
- Connects to PVC Schedule 40



**Patios • Pools • Parks • Spas
Courtyards • Residential**

- 2" Options for NDS® Slim Channel
- 3" Options for NDS® Mini Channel
- 4" Options for NDS® Spee-D Channel
- 6" Options for POLYCAST® 600
- Exclusive Patterns
- Grate Options in Bronze, Aluminum, Stainless Steel, Galvanized Steel, and Ductile Iron
- ADA/Heel Friendly Options
- Over 111 Variations Available

Medium/Commercial Traffic



**General Commercial • Auto
Pedestrian • Sports • Hotels
Kennels • Walkways • Parking Lots**

- Metric Polymer Concrete Channels
- Built-In Edge Options - Stainless Steel/Galvanized/Ductile Iron
- Decorative Grate Compatible
- .5% Pre-Sloped & Neutral
- Shallow Channels Available
- Resistant to 50+ Chemicals
- Slot Drain Grate Option
- Economic Options Available



**Commercial • Breweries • Kennels
Loading Docks • Sports Fields
Parking & Garages**

- Polymer Concrete - Polyester or Vinyl Ester
- Stainless Edge Cover Option
- Decorative Grate Compatible
- .6% Pre-Sloped & Neutral
- Shallow Channels Available
- Chemical Resistance
- Heat Resist - Polyester 120°, Vinyl Ester 180° Continuous Flow
- Made In the USA



**Restaurants • Breweries • Wineries
Hospitals • Industrial • Beverage**

- 304 Stainless Steel/316L (Special Order)
- Decorative Grate Compatible
- 1% Pre-Sloped, Shallow & Neutral
- Chemical Resistance
- Heat Resist - 212° Continuous Flow
- SS500, SS600, SS1200
- 5" shallow, 6", 12" Channel Widths

Heavy/Industrial Traffic



**Refineries • Industrial • Ports
Transportation • Airports • Rail
Military Bases • Loading Docks
Highways • Firestations**

FP Series

- Stainless/Galvanized Steel Frames
- Fiberglass Channels
- Channel Lengths of 4', 6' & 8'
- Channel Widths 6", 8" & 12"
- Frame Supports 1.5" Thick Grates
- Grates are Class A thru F Load Rating
- 1% Pre-Sloped & Neutral
- 6", 8" or 10" Outlets
- Chemical Resistant
- Lightweight/Easy to Handle

FF Series - Frame & Grate

- Stainless/Galvanized Steel Frames
- Frame Lengths 4', 6', & 8'
- Frame Width Set w/ Spanner Bar: 8", 10", 12" 14" & 17"
- Frame Supports 1.5" Thick Grates
- Grates Are Class A thru F Load Ratings

FE Series

- Stainless/Galvanized Steel Frames
- EPS Channel Form
- Frame Lengths 4', 6', & 8' Lengths
- Frame Width Set w/ Spanner Bar: 8", 10", 12" 14" & 17"
- Frame Supports 1.5" Thick Grates
- Grates Are Class A thru F Load Ratings
- Form Widths: 6", 8", 10", 12" & 15"

The products listed below are shown based upon specific grate and channel combinations that meet the load classifications. Call our experts to ensure you have right grates and channels for your project needs.



DIN Application Load Class A - 3,372 lbs. - 15 kN

Residential, pedestrian and cyclist traffic



DIN Application Load Class B - 28,100 lbs. - 125 kN

Sidewalks, parking lots and car parking decks



DIN Application Load Class C - 56,200 lbs. - 250 kN

Curb sides, highway shoulders and parking areas



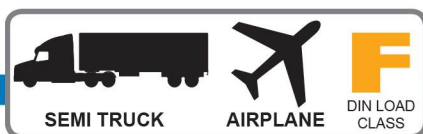
DIN Application Load Class D - 89,920 lbs. - 400 kN

High traffic roads and highways, fork trucks with air filled semi-pneumatic tires



DIN Application Load Class E - 134,800 lbs. - 600 kN

Industrial areas, fork trucks with solid pneumatic tires



DIN Application Load Class F - 202,320 lbs. - 900 kN

Aircraft runways, docks and high impact wheel loads

