

# Lamina Hydraulics



**Hydraulic Power Units & Drill Heads**

**Hydraulic Die Setters & Separators**

**Sales and Support**



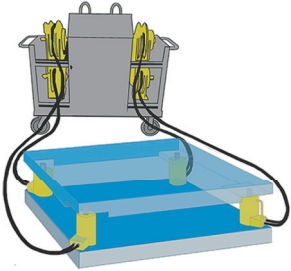
Available from:  
**H&O DIE SUPPLY, INC.**  
*PRECISION FABRICATING MACHINERY*

7200 INTERSTATE 20 • KENNEDALE, TX 76060  
PH: 817-985-0040 or 800-222-5441 • FAX: 817-985-0046  
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# Technology at work for you

Separate and set dies faster, easier, and more safely with Lamina Hydraulics

Revolutionize how you build and maintain dies with Lamina's line of portable, hydraulic die setters and separators, capable of handling loads from 5000 lbs. to 90,000 lbs.



## Each unit comes complete with:

- Choice of 3 cylinder heights (4, 6, or 9 inch)
- Retractable Heavy-Duty hoses, & quick connects.
- Retractable pendant control
- Available in 4 different voltages
- Each cylinder contains safety interlocks

## Benefits:

- Replaces the need for overhead cranes, manual leavers, etc. for separating dies.
- One person can safely operate
- Reduced risk of Injury
- With additional cylinders, multiple dies can be separated using one power unit due to the cylinder interlocks.

## DIE APPLICATIONS

- Die Try-out
- Spotting and Separating new dies
- Die Maintenance
- Separating dies for lubricating or part replacement

All Lamina Die Setters and Separators have two modes of operation:

1. **Unify Mode** - Cylinders will extend until they all contact the die, then they will lift uniformly.
2. **Parallel Mode** - Cylinders will all extend at the same rate. To initiate this mode, cylinders must be fully extended or retracted.

## HYDRAULIC ELECTRONIC DIE SETTER

Lamina's Electronic Die Setters safely lifts and sets your heaviest of dies, with precision, accuracy, and ease.

- Electronic PLC controls
- 4 cylinder unit handles dies from 2.6 to 30 tons.
- 6 cylinder unit can lift up to 45 tons.

*Lamina's Electronic Die Setter is the Go-Anywhere, Do-It-All Setting Solution you've been looking for.*



4 CYLINDER MODEL



6 CYLINDER MODEL



## HYDRAULIC DIE SEPARATOR

Lamina's Hydraulic Die Separator was developed for customers who aren't concerned with the precision of our Electronic Die Setter, and just need a more simplistic unit to separate dies.

- Available in 15 and 30 ton, 4 cylinder models
- Features many of the same safety features of our EDS



# Flexible solutions for your drilling needs

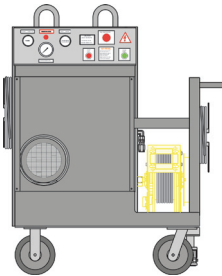


Hydraulic Drilling Equipment – Lamina's Heavy-duty, portable hydraulic power unit works interchangeably with any of our six drill heads.

## HYDRAULIC POWER UNIT

Lamina's compact power unit is easily moved right to the job site. This rugged power unit is easy to set up and use.

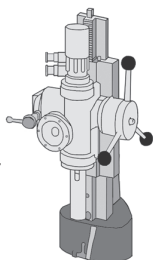
- 15 feet of hydraulic pressure hoses and quick disconnect fittings
- Electrical controls, start and stop functions, and a remote pendant speed control.
- A battery backup system in case of power loss.



## DRILL HEADS

Six standard drill heads complete with magnetic bases provide flexibility to meet your drilling requirements.

- Drill up to 2 inch dia. (4 inch dia. by step drilling) with our largest head
- Tapping capacity up to 2 inches
- Power-feed capability on 3 largest models
- Perfect for use in wet or combustible environments
- Can be fixtured for special applications



## INDUSTRIES SERVED

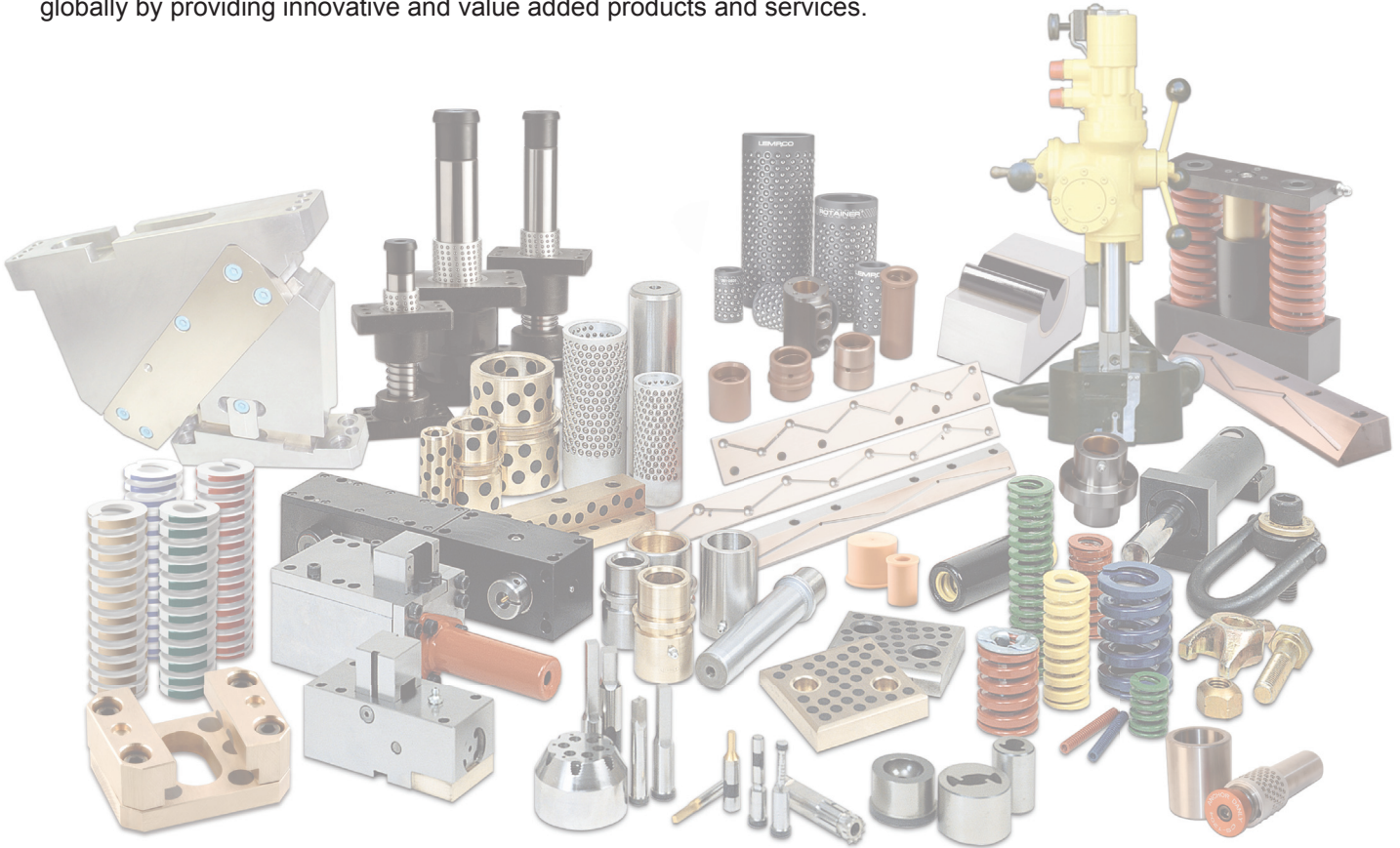
Lamina has long been recognized as a leader in portable hydraulic drill technology. For decades, Lamina has provided a cross-section of American industry with a durable, high-power portable drill. Our team of engineers have combined power and portability in a single drill, allowing it to effectively function in a broad spectrum of applications.

- **Oil Pipelines and Off-shore Rigs**
- **Nuclear Power and Fossil Fuel Plants**
- **Automotive**
- **Metal Stamping**
- **Ship Building & Repair**
- **Bridge Building & Repair**
- **Construction**
- **On-Site Machining Services**
- **Machine Shops**



## Committed to Quality & Customer Satisfaction

Anchor Lamina is a leading manufacturer of tool, die and mold components for the metal-working and plastics industries. As a customer focused, world-class supplier of choice, we provide the brands, product breadth, distribution network and technical support for all your metal and plastic forming needs. We will help our customers to compete globally by providing innovative and value added products and services.



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