

## 1937 FORD 2 DOOR SEDAN

- ◆ **Owner:** Bob Zwicker - Canfield, OH
- ◆ **Builder:** Bob Darney - Leetonia, OH
- ◆ **Engine:** 410 hp LS-1 Corvette
- ◆ **Trans:** 700 R-4 ◆ **Rear End:** Ford 9-inch
- ◆ **Graphics:** Matt Willoughby - New Middletown, OH
- ◆ **Paint:** House of Kolor and Spies Hecker
- ◆ **Painter:** Bob Darney w/TP Tools HVLP Turbine Paint System

**Detroit 2011  
Autorama  
1st Place  
Radical  
Custom Rod  
Sedan  
'35-'48**



37  *Mirage*

See complete story pgs 5-7



Darney's hand-made steel center console runs from front to rear (dash to rear window!). **What a work of art!**



Custom 17" & 20" Billet Rims with 13" slotted and drilled rotors look wicked. Bagged suspension lays the car on the ground.



Paint by Bob Darney and graphics by Matt Willoughby really set this ride off. Photos can't do the graphic detail justice!



**KILLER interior** by Billy Scott, Jr. features all-leather floors and seats with elephant inserts, plus suede headliner.



410 hp LS-1 Corvette Engine with hand-crafted and welded aluminum intake manifold plenum. **WOW!**



Willoughby spent hundreds of hours creating and airbrushing the Vegas artwork on the deck lid - **it's a must-see!**

# SHOWTIME 90 HVLP Paint Spray System



TP Tools' newest project - 1937 Ford 2 Door Sedan ...



... painted with TP Tools Showtime 90 HVLP Turbine Paint System, received high awards at these major indoor car shows:

**'10 Piston Power Show - Cleve, OH** 37 Ford - Best of Show, Best Paint, and Best Rod in its class

**Canton Auto Show - Canton, OH** 37 Ford - Best Paint Modified and Diamond Award "Top 8"

**'11 Detroit Autorama - Detroit, MI** 37 Ford - 1st Place Radical Street Rods and Outstanding Interior

**'11 Cleveland Autorama - Cleve, OH** 37 Ford - Gold Cup Award, Best Rod, 1st Place Award



TP Tools ProLine HVLP 1 qt Primer Gun sprays primers and hi-build primers fast and easy! Included with TP-90PLX Spray System.



TP Tools ProLine 20 oz Gravity-Fed Finish Gun sprays enamels, lacquers, urethanes, base coats, and clears ... **while saving up to 50% on materials!**

## Produces Award-Winning Finish on 1937 Ford 2 Door Sedan! Saves up to 50% on Paint - 80% Less Overspray!

Spray painting with a compressed-air spray gun takes a LOT of air and special water & oil filters and produces excess overspray in your shop. By using a SHOWTIME 90 HVLP Paint System, you can eliminate those costly water and oil filters, save on paint materials, and reduce overspray, *plus* save your compressor for other projects because an air compressor is not required.

**BEST OF ALL**, the SHOWTIME 90 System will get your paint jobs done quickly and efficiently, while producing the **BEST POSSIBLE FINISH** on your classic car, street rod, tractor, or bike ... right in your own shop! Car builder Bob Darney (Leetonia, OH) has completed several projects for TP Tools, and he won't use any other system. According to Bob, "The TP Tools Turbine really cuts down the overspray and saves about 50% in materials. I've used this system for over 15 years and have sprayed all types of materials. It is definitely the best choice for automotive finishes."

**EASY TO USE:** Plug Showtime 90 Turbine Power Unit into 115 volt outlet, add paint to HVLP Gun (included), and start spraying! The Turbine Power Unit delivers an instant 60 cfm of air (high volume) at only 5 psi (low pressure). The high-volume air moves the paint, and the low pressure reduces overspray up to 80%. **Paint goes on smoothly with less mist and 30-50% paint savings.** Also, the turbine warms the air so moisture is eliminated. Always dry, oil-free air to the paint gun. Warm air also helps paint dry faster, so runs and sags are eliminated!

### SHOWTIME 90 HVLP Advantages: 2-Year Warranty, 30-Day Shop Trial

- Low overspray - 80% LESS than conventional guns • Up to 50% paint savings!
- Always dry, oil-free air supplied to gun • No air compressor required to paint
- Plugs into any 115v 12 amp electric outlet • Professional results in your own shop!
- 60 cfm - 5.7" XH-duty 2-stage turbine with permanently lubricated bearings
- Large 7" rear wheels and easy-maneuvering 2" locking-swivel front wheels
- Tested and proven - patented Turbine Power Unit made in USA since 1993!



Pat. 370490  
16" w, 18" d,  
28" h - 35 lbs

Pat. 370490  
16" w, 18" d,  
28" h - 35 lbs

### TP-90PLX ProLine HVLP System with 2 Guns!

#### TP-90PLX Includes:

- SHOWTIME 90 Turbine Unit
- 33' Turbine Hose • 5' Flex Hose w/Valve
- ProLine 20-oz Gravity-Fed HVLP Finish Gun (1.0mm)
- ProLine 1-Qt HVLP Primer Gun (1.8mm)

**Most Popular!**

Model TP-90PLX

### TP-90PL ProLine HVLP System with 1 Gun!

#### TP-90PL Includes:

- SHOWTIME 90 Turbine Unit
- 33' Turbine Hose
- 5' Flex Hose with Valve
- ProLine 20-oz Gravity-Fed HVLP Finish Gun (1.0mm)

Model TP-90PL



## 1937 FORD 2 DOOR SEDAN



**Car Builder  
Bob Darney  
and TP Tools  
SHOWTIME 90  
Paint System  
Produce**

**Award-Winning  
1937 Ford!**

**1937 Ford 2 Door Sedan** - Owner Bob Zwicker wanted to create an eye-catchin' 37 Ford rod all his life. Finally, he found the right car to fulfill his dream - he knew he had the right people. Zwicker contacted Bob Darney, car builder, and Matt Willoughby, artist and paint designer, to take on the task. Between the three of them, they created Zwicker's awesome 37 Ford Mirage. Willoughby's paint and graphics on this car really put Darney's paint know-how to the test. Darney relied on the TP Tools HVLP Turbine Paint System to lay down the multi-layered House of Kolor and Spies Hecker paint finishes. The Spies Hecker material contained both pearls and a high-metallic content; the House of Kolor was a Kandy color. Both are very difficult and challenging to spray without developing mottling and tiger stripes.

**The finished 37 is a work of art!** TP Tools' HVLP Paint System again achieved results that even Darney could not believe. The 37 has been at 4 major indoor shows this winter (see page 4), and has won two "Best Paint" Awards, "Best Show" and "Best in Class" Awards.



**TP-90PLX HVLP Turbine Paint Spray System with Finish and Primer Gun - see opposite page for more information.**



Darney chose Transtar Kwik Fill Polyester Primer to fill in any imperfections, scratches, or low areas on the 37 fiberglass body. Darney used his TP Tools HVLP Turbine Paint System with the 1.8mm 1 qt primer gun to apply the Kwik Fill. Darney said, "This heavy-build primer did the trick - after block sanding, the car was pretty smooth and level. This product really saved me a lot of time and labor."



After block sanding the Transtar Kwik Fill Primer with Dura-Block® Sanding Blocks, Darney applied Transtar 2K "3-IN-1" Hi-Build Euro Primer. This primer does it all - it etches to the surface well, it fills like hi-build primers, and with extra thinning, it can be used as a sealer. Darney again relied on TP Tools' HVLP Turbine Paint System and a 1.4mm gravity turbine gun to apply the "3-IN-1" Transtar Euro Primer.



Darney made many modifications on the 37, such as the Mini Cooper headlights and custom dash with recessed A/C vents and center gauge cluster.



**Paint Spray Success Story**

# 1937 Ford 2 Door Sedan Build



The '37 Ford paint graphics took hundreds of hours to complete. Once the body had its base coat applied, the car was reassembled so side graphics could be masked. There is no other way; every line must match perfectly. Willoughby carefully masked the graphics using 3M Fine Line Tape and 3M High-Performance Masking Tape. These tapes provide outstanding paint lines and are highly conformable. Later, Darney applied a black base coat to the top half and side graphics of the car. Then, House of Kolor Kandy Brandywine was sprayed with TP Tools' HVLP Turbine and gravity gun.

TP Tools' HVLP Turbine Paint Spray System was the perfect tool to spray the rod's chassis. The gravity-fed HVLP spray gun's floating air cap design worked great! By turning the outer black pattern control ring, the gun's spray pattern adjusts up to 13" wide. Plus, by rotating the air cap to a 45° angle, the spray pattern adjusts to a round pattern. Darney really appreciated this feature when spraying the chassis. He noted, "The round pattern saved me so much material when spraying the tubular cross supports and narrow sections of the chassis, and that's money in your pocket!"



Once the chassis was dry, Darney started assembly. The chassis is beautiful. The large 13" drilled and slotted rotors with polished calipers look great, plus will provide excellent braking power. The chassis features Air Ride Technologies Air System mounted in the trunk (when parked, this ride will touch the ground), Ford 9" rear end, 410 hp LS-1 Corvette Engine, and 700 R-4 transmission.

Next, Darney used the TP Tools Turbine and gravity gun to apply the base coat to the fenders and other small parts of the car. Note the primer color on the fenders. Darney explained, "I like to tint the primer with the base coat color - that way, if your finish base coat color goes on a little light, especially in door jambs, you won't notice the primer showing through the finish. It helps it blend."

Darney's first step on the body was to paint the under side with base coat and clear coat. Next, he took the body to TP Tools' spray booth for the application of red base coat and clear coat. This would be the first application of many that the '37 Ford would receive due to the complex graphics and two-tone paint scheme ... **but well worth it, as the finished paint job is AWESOME!**



Darney applied the base coat using the TP Tools HVLP Paint Turbine System with gravity-fed gun. He used the standard 1.0mm nozzle and needle with .5mm air cap. Darney applied five coats of the red base coat to the '37 Ford body. The TP Tools Turbine laid down highly metallic and pearl base evenly with no tiger stripes or mottling.

After base coat application, Darney's next step was to apply four coats of clear coat. He chose Matrix® 42 Clear Coat to provide a high-gloss finish and enhance the pearls and metallics. Darney again used the TP Tools HVLP Paint Turbine with gravity gun. But this time he added the optional 1-liter cup assembly to his gun. Darney said, "The larger cup assembly gives me enough clear in the cup to go around the whole car without having to refill. This is important because I can refill the cup in between coats and the clear actually tacks up, so the next coat adheres properly." The clear coat went on perfectly - the instant gloss to the base coat was impressive!

**SAFETY INFORMATION** - Always wear an approved respirator when paint spraying.

# 1937 Ford 2 Door Sedan Build



Prior to applying finishing graphics, Darney disassembled the 37 and sprayed black base coat on the top half and side graphics. Next, he sprayed House of Kolor Kandy Brandywine over the black base. This material is challenging to spray without mottling or tiger stripes. The base and clear coat applied perfectly with TP Tools HVLP Turbine System and gravity gun. The 37 was then reassembled for final graphics.



Matt Willoughby's paint design was almost finished. He spent several hours masking and air brushing. His work features custom airbrushed pinstriping on the sides, rear, and into the door jambs. His paint design is even carried into the firewall, inner fender wells, and center console. Most unique is the Vegas-themed design on the rear deck lid. The detail draws you in for a quite a while.



After the final coats of Matrix® Clear were applied, Darney started to wet sand the 37. He used the Hutchins "Water Bug III" Wet Sander to remove dust particles and level out the clear prior to buffing. The "Water Bug III" lubricates the surface with water drawn from a bucket while the Mirka Abralon Sandpaper smooths the finish. This sander saved time and hard labor.



The final buffing started with a Makita MK-9227C Buffer and Meguiar's Solo® Polishing System. The Solo® System uses 1 compound with 4 different buffing pads. This system saves you money and time because you don't have to purchase 3 or 4 different compounds and clean the surface between the compounds. The final results were fantastic. The car looks like it was just sprayed and is still wet!



With the 37 finished, it was time to load onto TP Tools' trailer for transport to Louisville, KY for a one-of-a-kind interior. Billy Scott, Jr. was the man for the job. He suggested a burnt orange leather with elephant hide inserts on the seats, leather floor and door panels, and a suede sculptured headliner. The finished product won "Outstanding Interior" at 2011 Detroit Autorama.



After several months in Louisville, the 37 returned home. Darney, Willoughby, and Zwicker could not wait to see their 2-year project finished. Within a few weeks, the car was assembled and ready for final buffing and detailing. The finished 37 Ford is now one of the top-built rods in the U.S. **Thanks to the hard work and dedication of Bob Darney and Matt Willoughby!**



**1937 Ford**  
*Mirage*  
**2 Door Sedan**  
 Built by Bob Darney  
 using TP Tools  
 Restoration Products  
 in this catalog!



Paint Spray Success Story