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# PUSHBIKE INSPIRES SHAW CUSTOM

## But there are no pedals – this HD 110 LE's V-twin pumps out 93bhp

Shaw Speed & Custom build special Harleys for people who don't normally like Harleys. Based on to the side of their regular Harley dealership, the custom shop is a little racier. Customers include BSB champ, Shane Byrne and Shaw used to have an official team in the one-make XR1200 BSB race series with Rob McNeally. The current king of cool customs Roland Sands even made an appearance at the Brands GP round in 2010.

Shaw will say anything from cool bolt-ons from Performance Machine or Roland Sands Design, to a complete bespoke custom like this HD 110 LE, based on a standard Softail Blackline. With a dedicated design studio and workshop, skilled engineers can produce anything you want.

The HD 110 LE was built for an extreme sports-loving, S1000RR track-day-riding customer and seeing it in the flesh would make even the most dyed-in-the-wool sports-bike fan weak at the knees... well, it did me anyway.

**WHAT'S THE STORY?**  
New bike sales are in decline, but customs like this HD 110 LE by Shaw Speed & Custom are on the up. We visit Shaw's to find out why and to check out this stunning mountain-bike inspired creation. We also bump into BSB champ Shane Byrne to talk about his Shaw's 'Project 67'.

With lots of cool mountain bike touches, like the white painted fork legs, Rock Show-style rear shocks and Hope mountain bike handlebar risers it's built with meticulous attention to detail. The fuel tank is split in two and a beautifully arched dummy frame spine sits in between. Every wire, cable and hose has been hidden away, extraneous brackets removed and frame welds smoothed and filled. Finished in satin Ferrari blue, everything else, even the Roland Sands and Performance Machine bolt-on parts have been stripped, chromed and anodised.

Sitting low and long it looks fabulous and sounds even better (thanks to the one-off exhaust and Harris MotoGP end cans).

Shaw's Steve Willis explains the thinking behind the HD 110 LE: "The inspiration was to create a bike that matched the client's lifestyle, loves and passions and not have anything too 'Harley-fied'. There's a lot of inspiration from our world championship-winning Strike True II. It has a similar silhouette, 21in front wheel, 18in rear with a 200-section rear tyre. He's into mountain biking, trackdays and adrenaline-sports, so we wanted a kind of X-Games inspired bike. You could see this being parked up at a motocross event, or ridden around the pits by a racer.



### SHAW'S HD 110 LE IN DETAIL

- 1. Engine** Harley Blackline engine with 93bhp, 110 cu in Screaming Eagle upgrade (up from 99 cu in). New barrels, pistons, crank and big valve heads. Polished and anodised Roland Sands Design rider and cam timing covers and Performance Machine transmission cover and air filter.
- 2. Exhaust** Pipes handmade in-house with Harris MotoGP style end cans.
- 3. Frame** Standard frame modified with a new spine. Modified, polished and anodised Performance Machine pegs.
- 4. Bodywork** Dual fuel tanks made from a standard 21-litre H-D Rocker fuel tank, with Link pipe, dropped two inches from standard. Carbon-fibre front number plate board, rear mud-guard and seat pan.
- 5. Paint and graphics** Designed in collaboration with customer. Finished satin Ferrari blue.
- 6. Wiring and electrics** All wires, electrical boxes and coils, etc hidden away to give a clean look.
- 7. Forks** Mountain bike-inspired front end. Sportster Nightster forks with a 48 lower yoke, FreeSpirit top yoke, Nightster legs and internals, with titanium nitride sliders.
- 8. Handlebars** HOPE mountain bike handlebar risers, 2010 Fat Boy Special bars drilled to take internal wires. Performance Machine internal throttle and switchgear. Bespoke headlight featuring halogen projector light with high and low beam.
- 9. Wheels and tyres** Performance Machine wheels with Black Ops rims, stripped, polished, anodised and modified to fit forks and swingarm. Metzeler Marathon tyres, 200-section at rear.
- 10. Shock** Rock Show Deluxe-inspired, standard Softail shocks with section cut out of sleeve to expose the stunning red-painted spring.
- 11. Seat** Based on Roland Sands Design sprung seat, inspired by early '90s pushbike.

### SHAW'S TOP FIVE CUSTOMS

With over 60 builds to choose from, we twisted Steve Willis's arm to give us his five favourites to come out of Shaw Speed and Custom...



**Slim Racing**  
Based on a 2005 FXSTI Softail Standard, it's a clean build and the colour wouldn't be everyone's first choice, but it's one that works well in the chocolate brown."



**Bell & Ross Nascate Racer**  
This bike opened a lot of doors and created lots of interest in areas we and Harley-Davidson wouldn't normally reach."



**MCR Rockstar**  
A lot of fun to build and ride. Bill Davidson came to have a look at it when he was at the Goodwood Festival of Speed. He was impressed which obviously meant a lot to us."



**XLS13**  
The XLS13 became an iconic bike for us and it now lives in Stockholm. The bike got a lot of press and has inspired similar builds for customers in Paris and Italy."



**Bat Bike**  
The diversity of the Speed Shop comes in the form of the Batbike, based on a VRSCF V-Rod Muscle, for a client in Monaco.

## The rise and rise of Shaw Speed & Custom

The biking landscape has changed massively over the past few years. Bikers are older and some are selling their sports bikes in search of something different. Add in the popularity of custom bike TV shows and the iconic status for the people that build them, like Roland Sands, and you can see why cool retro-looking custom bikes like these are becoming a hit.

Steve Willis explains: "It's been an organic growth for us since we started in 2010 and we've never really advertised. Winning the world

championship was great for us. It gave us the confidence that what we were building was appreciated by a bigger audience and from that we got enquiries coming in.

"We did a bike for Bell & Ross watches, which was a massive thing for us. It got us in luxury magazines where Harley-Davidson don't normally feature and that brought in a different clientele and enquiries from as far as Australia and Las Vegas.

"We've done about 60 bikes, which you can see on our new website, including Sportsters, Softails,

point change all the way up to a full custom, down to the frame. We've not targeted one audience. We've kept it open so everyone can afford to have customising, not just millionaires.

"We'll work on people's current bikes, find them a used donor bike or new machine, depending on what they want to spend. If we think a sensible way is to have a 2008 Softail rather than a 2013, which could be eight grand more, we'd help them put that saving into the project, so they get more detail and a bike that's going to look new when it's finished."



**STEVE WILLIS**

### SHAKEY'S 'PROJECT 67'

Shane Byrne commissioned Shaw Speed & Custom to create this one-off Softail Slim. "Steve took me for a walk around the shop and the next thing I know I ended up with this. He absolutely hit the nail on the head and it's exactly what I wanted.

"But I haven't ridden it yet – it keeps going off to different shows and doing different things. It's just so cool, I think I'd be happy with it in my front room. I like the fact no one has a stop watch on you when you ride bikes like these."



Shakey on his customised Softail Slim with his race number on the tank

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