

**Roland Sands Design**  
Bike Info and Specs

**Bike Name:** BMW Concept 7  
**Date Built:** October, 2018  
**Builder:** RSD - Roland Sands Design  
**Address:** 10571 Los Alamitos, CA 90720  
**Phone:** (562)493-5297  
**Website:** [www.rolandsands.com](http://www.rolandsands.com)

**Bike Description:** Custom-framed BMW RnineT built to pay homage to BMW's pre-war prototype R7 built in 1934. The R7 concept by BMW has been in our minds for quite some time. The original concept was a thing of dreams and was way ahead of its time, featuring the world's first telescopic forks and a perimeter style frame, wrapped around BMW's horizontally-opposed twin engine. The prototype R7 was designed by engineer Alfred Böning and built in 1934 but never saw the light of day due to BMW management decisions and WW2. Luckily, the original bike was found in 2005 and resurrected as a full runner. A machine of this nature is priceless, so unless you are Mr. BMW, chances of riding the R7 are minimal and owning it, 100% impossible. Lucky for us, we found someone as inspired as we were by a modern version of the R7. We had the original motor from the Concept 90 sitting on a shelf, and it provided the perfect soul for the beginnings of this creation.



Category	Product Name	RSD Part Number	Notes
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<i>Bike Specs</i>			
Make*	BMW		
Model*	R nineT Pure		
Year*	2017		
Builder*	RSD		

<i>Bodywork</i>			
Fabrication	Roland Sands Design - Fabricator: Aaron Boss		
Frame	RSD custom chromoly rigid frame		Powdercoated then custom painted
Frame Side Panels	RSD custom aluminum louvered frame inserts w/ quick release buttons		Bead blasted for cast look
Engine Side Covers	RSD custom aluminum engine side covers		Bead blasted for cast look
Gas Tank	RSD custom aluminum gas tank		Chrome
Seat	RSD custom seat pan / Paul Cox custom tooled leather (Drilastic style)		V-Twin Manufacturing reproduction spring kit
Front Fender	RSD custom front fender		Steel
Front Fender	RSD custom "pedestrian slicer" front fender license		
Tail Section/Fender	RSD custom rear fender		Part of frame
Gas Cap	Mezeire gas cap & bung		Chrome
Luggage Rack	RSD custom luggage rack		Stainless Steel
Fork Covers	RSD-modified Rough Crafts Softail upper fork tube covers		Added headlight mounting ears

<i>Engine</i>			
Make*	BMW R nineT Pure Boxer Engine - Air Cooled		
Size*	1170cc		
Year*	2017		
Intake	RSD custom Velocity Stacks		
Exhaust	RSD Stainless Steel 2-into-1-into-2 Exhaust System w/ Chromed Hydro-formed Muffler		
Valve Covers	RSD Radial Valve Covers (Black Ops)		Bead blasted wire covers
Oil Filler Cap	RSD Radial Oil Filler Cap		Bead blasted for cast look
Breast Plate	RSD Radial Breast Plate (front engine cover)		Bead blasted for cast look
Misc	Black engine and gearbox paint stripped to raw cast aluminum		
Fuel Management	Stock ECU reflashed by OE Tuning		
Oil Cooler	Deleted		
Oil Lines	Custom AN lines by RSD		

<i>Transmission</i>			
Make*	BMW R nine T Pure		
Year*	2017		
Clutch	Stock - Hydraulic		

<i>Wheels and Components</i>			
Front Wheel*	RSD Traction Wheel (Black Ops)		
Size (front)*	19 x 3.0"		
Front Disc(s)*	RSD custom solid disc 11.5"		Bead blasted
Rear Wheel*	RSD Traction Wheel (Black Ops)		
Size (rear)*	18 x 5.5"		
Rear Disc*	Stock BMW R nineT		
Sprocket*	N/A - Shaft Drive		

<i>Brakes</i>			
Front Caliper(s)*	RSD Front Brake Caliper (Black Ops)		
Rear Caliper*	Stock BMW R nineT		
Master Cylinder	RSD 11/16" Master Cylinder (Black Ops)		Front & Rear brakes operated by single foot brake
Brake Lines	Goodridge		

<i>Controls</i>			
Switches	Vintage key in headlight operates ignition / push button start		
Throttle Housing	Exile Cycles Internal Throttle		
Throttle Cables	Barnett custom throttle cables		
Foot Controls*	RSD Traction Floorbards (Black Ops)		
Shift Lever	RSD custom shift lever & mechanism (thru gas tank)		
Clutch Lever	RSD hydraulic foot clutch (heel-operated)		Custom shift lever
Brake Lever	RSD Softail brake pedal (heel operated)		
Grips	RSD Traction Grips (modified for internal throttle)		

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Category	Product Name	RSD Part Number	Notes
<i>Front End</i>			
Triple Trees	2009 Heritage Softail triples		
Handlebars	RSD custom chromoly handlebars		
Gauges	Stock BMW R nineT Pure gauge		Mounted in headlight bucket
Headlight	Vintage BMW headlight housing		
Headlight	Stock BMW R nineT Pure headlight		Mounted in headlight bucket
<i>Front Suspension</i>			
Make*	2012 FLH Fork Legs		
Misc	Progressive Suspension fork lowering kit		
<i>Rear Suspension</i>			
Make*	None / Rigid		
<i>Tires</i>			
Make (front)*	Dunlop D208F		
Size (front)*	120/70R19		
Make (rear)*	Dunlop Sportmax D207		
Size (rear)*	180/55ZR18		
<i>Paint</i>			
Painter*	Airtrix - Chris Wood		Santa Barbara, CA
Color(s)	Custom dark blue w/ classic BMW white pinstripes		
Powdercoating	Specialized Powdercoating		Huntington Beach, CA
Chrome	Sport Chrome		Huntington Beach, CA
<i>Additional Items</i>			
Taillight	Chopper Daves custom cast aluminum tail light housing, bezel, lens & license plate bracket		
Center Stand	V-Twin Manufacturing reproduction Duo Glide center stand		