

BANDIT

MACHINE WORKS

Mini Catalog

November 2019

Our 32nd year serving High
Performance V-Twin builders



Made in the USA!



**Modular Belt Drives - Chain drives - Superclutch
Sportsman clutch - Big Dog Bruiser clutch - Race belt drives
Belt drive upgrades - Lockups - Trap doors - Tools - Accessories**

Chain Drive Solutions



Sportsman Superclutch

5 models, 039601 for '90-'97, 039801 and 039802 for '98-'06 big Twins, 039831 and 039835 for 07-up Big Twins. Installs into stock OEM clutch shells and aftermarket billet shells. MORE than double the friction area of the stock clutch, more area than any other clutch for chain drive HDs



The Original Superclutch

The 'Gold Standard' of HD clutches, winning races, dyno shootouts, championships, and setting records since 1987. Models are available to fit all Big Twins 1947 to 2006, wet or dry. Available for tapered and splined shafts, 4 and 5 speed trans, any sprocket and ring gear combination, with or w/o centrifugal lockup



As shown, PN 039001 for '90-93.

Sportster

Sportster chain drive Superclutch

18 Models for '90-up 5 speeds, and 4 models for '71-'84 4 speeds, including models with lockups installed. The first choice for XL based race bikes and hot street bikes for years.



Big Dog Solutions

Accustomed to clutch difficulties on the RSD '05-'09 Big Dogs? Bandit has the answer! Our Bruiser clutch has 14 full size friction plates to dramatically increase the torque capacity, allows a much lighter lever pull, and stops the clunky shifting caused by clutch drag. The coil springs and billet pressure plate replace the diaphragm spring for full adjustability and a smooth linear lever feel.

Our Billet Bearing Carrier is a direct bolt on replacement for the stock cast bearing carrier. Broken carriers, and the resulting primary case damage are a thing of the past once you install this precision upgrade.



Bruiser Clutch, PN 036315,
Bearing Carrier, PN 036500,

Bandit also offers
custom billet derby
covers for your Dog

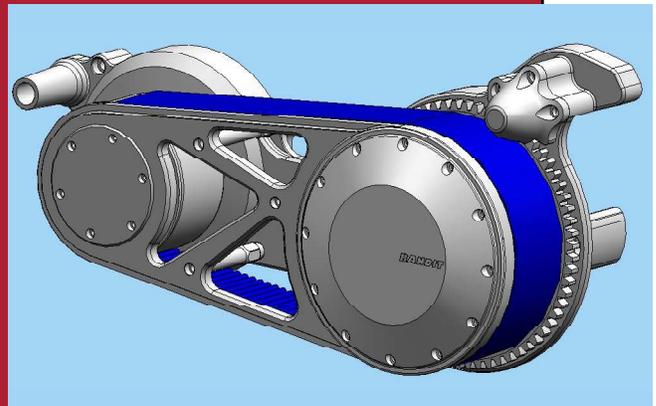


Bagger Drive



Bolt on to 1990 – 2006 Touring models, integrated shifter mount uses all stock or custom shifter components, no modifications to floorboards needed.

2-1/2" belt, billet pulleys, modular motorplate, and the famous BANDIT superclutch add up to a high quality addition to that custom or hotrod bagger. Several belt guards and pulley covers available, also available without shift linkage mount for custom forward control applications. Light lever pull, high horsepower capacity, long life clutch reduces maintenance.



FXR



For the neglected FXR, a race quality open belt primary drive with all the performance and precision you expect from Bandit. Available with many options of clutch equipment, belt width (2" to 4"), outboard support, mid control shifter, with lockup, etc, etc, etc. Comes with a solid one piece motorplate to support the rubber mounted FXR engine and trans.



Sportster



Bandit offers over 30 models of drives to fit the XL V-Twin. Varieties of belt width, lockups, ratios, etc allow for fitment to specific applications. These drives are designed specifically for the S&S 5-speed Sportster cases, adaption to stock HD cases is possible with case modification.

Modular Belt Drives

Fit all '90 - '06 Softails AND Dynas

Start with a Modular Motorplate and build a drive to suit your bike



2" wide standard w/ Superclutch II - perfect for that bobber. As shown below - PN 062101



Need more flash? Add a polished rear pulley trim ring. As shown below - PN 062106



Then choose a belt width and a look



You can keep it narrow - without losing the style

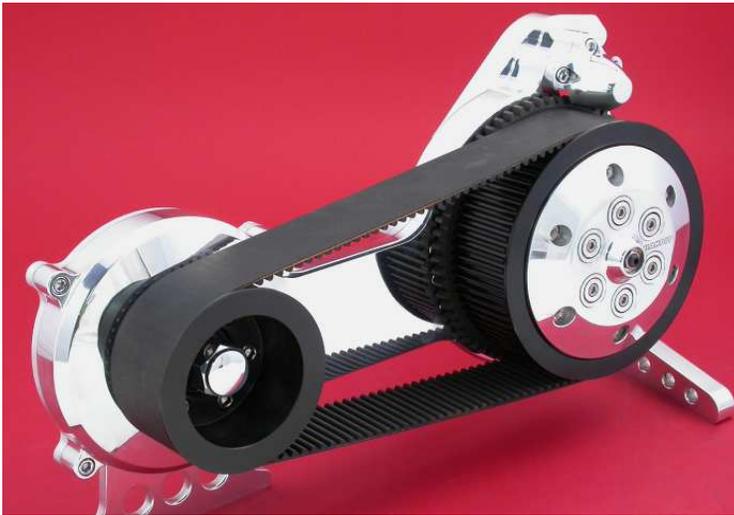
Add a turned and polished front pulley
Standard plated steel front pulley nut shown



Add a contour front pulley cover for

Have a bigger motor? How about a 2.5" belt.

2.5" standard - integral flange on rear pulley
As shown - PN 063101



Tech note: We recommend that 2" belts be reserved for bikes with 80C.I. motors or smaller, and preferably on lightweight bikes. 2.5" belts are good up to 125 hp. 3" belts are good for just about any "street" bike. 3.35" belts will handle the monster motors, and heavy rigs. 250 hp Pro Mod drag bikes run our 2" belts with success, however, we like to be conservative in our recommendations because of the varied conditions of service encountered.

2.5" drives are available with polished front pulleys, rear pulley trim rings, Various belt guards, front pulley covers, etc. as are all modular belt drives. Add flash and safety with a geometric belt guard and a straight leg rear pulley cover. As shown, right, PN 063122



As shown below with the spiral rear pulley cover, PN 063123



The right side drive option includes a motorplate which covers the left side of the transmission case as shown at right. This is available on all Softail Modular Motorplates.



The 3 inch Belt Drive



Long a standard of the industry, the 3 inch drive is still the most commonly used belt on customs. Of course, Bandit has it too!

The 3" standard. 3" wide 8mm Powergrip HTD belt, billet pulleys, Modular motorplate, As shown with full show polish on motorplate and pressure plate, PN 064101

Add a polished rear pulley trim ring for a classic look with high custom style and Bandit performance and quality. As shown here with polished front pulley, flanged stainless sprocket nut, rear pulley with polished trim ring, PN 064126



The 3.35 Inch Belt drive



The 3.35 inch Bandit is the belt drive of choice for hard street riders, Pro Stock and Pro Gas Drag racers, Pullers, Dyno shootout competitors, and anyone with a lot of power to get to the ground.

The 3.35 also gives you the most choices in configuration, from bare bones all the way to outboard bearing supports. As shown here, with front and rear streamline covers, PN065105.

As shown here, with the outline contour guard and full flat contour pulley cover, PN065131 Custom guard inserts (not shown) are available to personalize this motorplate combination.



The 3.35" belt gives you enough room to put a full length oil filter under the guard. Mix and match any way you like. As shown here with geometric guard, contour cover and oil filter, PN 065135



Got a REAL bad boy that you race on the weekend? Then you need a Bandit Lockup!



The drive shown below, with 3.35 belt, Superclutch, Bandit 3 finger lockup and 8 hole lockup cover is PN 064999

The Superclutch and lockup are completely adjustable for static spring load and centrifugal assist to allow tuning for optimum traction and still lock it up for top end speed. Used by racers demanding the best, it will do the same for you. We put our 3 finger lockup on top of our famous Superclutch which has larger bearings and 12 hardened drive keys to support the friction plates, and has been used to set drag racing records and win championships around the world for 20 years.





We offer 3 styles of lockup covers to protect you and your lockup, 12 hole, 8 hole, and star pattern.

Outboard supports



Those of you who have bent trans mainshafts or crankshafts know about outboard bearing supports for your belt drive. Or if you are just a belt and suspenders kind of guy, these are for you. Ultra rigid, the Bandit outboard support installs on the Super-clutch Modular Belt Drive to turn it into a real anvil-tough piece of equipment

4 Inch Drive



Yes, we've got it - If you just have to have the big one, here it is! All the same features as the 3.35" drive with bearing supports on a 4 inch wide belt. Go ahead, try to break this one. The lockup support covers are also available in 3 configurations, 6 hole, 12 hole and star pattern.



Visit our website - www.banditmachineworks.com

OPTIONS

Options, options, we've got options. In addition to the choices already listed, we also have the offset options listed below, we can supply all the parts (except pulleys) in a natural machined aluminum finish, and we can custom build items to your order. The Bandit Superclutch and Superclutch II Beltdrives are also available as upgrades to fit other brands of belt drive motorplates, call for specifics for your motorplate.

More choices are on the way, check our website for updates.

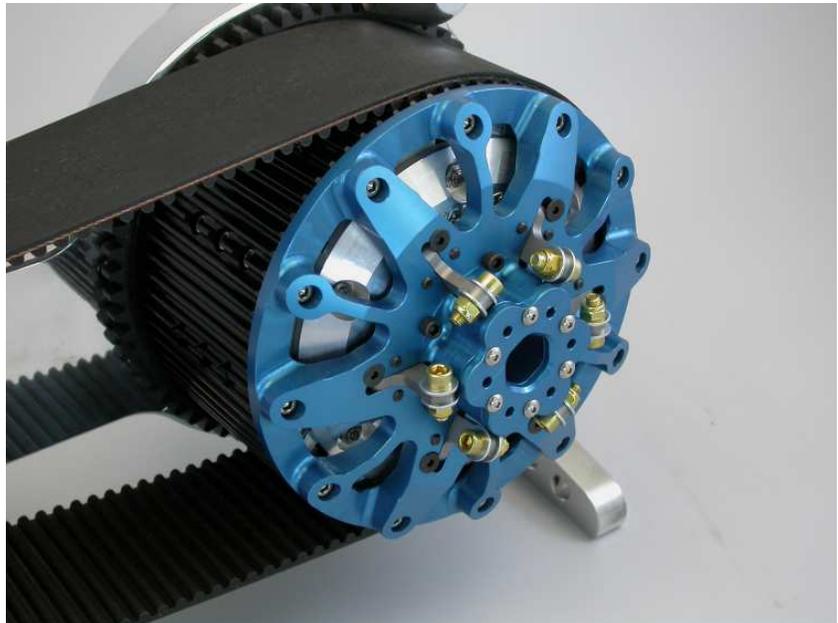


Offset motorplates can be ordered in 1/2", 3/4", 1", 1-1/4", and 1-1/2" WITHOUT spacer plates or adapters. Your alternator always stays covered without need for a separate trim plate. Custom offsets not listed are available on special order.



Three Sprocket shaft nuts are available, #1 at left is plated steel, standard equipment on drives where the nut is exposed. #2 Center is Stainless steel and incorporates a flange to eliminate the need for a washer. #3 on the right is also stainless and has a decorative hex broached into the end. These nuts are compatible with other belt drives.

All Race style clutches are available with the new MTC lockup pictured at right. This unit varies the lockup assist according to engine RPM, not transmission input shaft rpm, making it much more sensitive to tuning conditions, and has shown to be a big boost to users in Pro Stock nationwide. This is RACE ONLY, not applicable to street use.



Check out website for all of our performance products, including the original Superclutch, the Superclutch II, Race Beltdrives, Clutch tools, and much more.

www.banditmachineworks.com



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