



Easy Drill

www.jbtrenchless.com

FD10G World Wide Patents apply

*The drill
that's putting
more utilities
under ground*

JB TRENCHLESS

Drill it all with EasyDrill

EasyDrill Ltd, is the only company (world-wide) that specialises in designing/building Directional Drills as attachments for excavators and backhoes. As such there are no "bolt on" afterthoughts on our products. We utilise the latest computer design software, we listen to what our customers like and, more importantly, dislike, and we utilise the highest quality components available. EasyDrill Ltd have several "patents pending" both conceptually and in specific areas such as the unique multi-cylinder thrust mechanism, which offers smooth reliable power (without chains) in a compact package. The FD10-G is the culmination of years of development and is the only Directional Drill you need for installing utilities in difficult and congested areas.



Pit Launch

So you need to get down to depth immediately? No problem with the EasyDrill FD10-G. What other "pit-drill system" digs its own pit? Lifts itself? Or doesn't need a separate power pack?

Simply excavate the pit, attach the drill (via the quick hitch) lower to the desired invert depth and pitch, and use the hydraulic bracing mechanism to fix the drill in place and you are ready to drill.

Ideal for road crossing, residential connections, and gravity sewer installations.



Surface Launch

There are plenty of small "pit launch" drills available, **but how many of them can be used in conventional surface launch applications?** Either use the hydraulic bracing arms or use conventional "stakes" to ensure the rig will not move, even in tough bores.

On board drill fluids

A simple, effective mixing and **pumping system delivers 40 LPM (11 GPM) of drilling fluid at 500psi (31 bar)**

The positive displacement diaphragm pump combined with ceramic inserts in the regulator allow light Bentonite slurries to be pumped, but generally water/polymer mixes will do the trick!



Drill Uphill

What other directional drill allows you to drill uphill?

Next time you need to install a utility up a steep gradient within specification, think "EasyDrill".



Steep launch angles

All directional drills can launch 0-20, maybe even 0-30 degrees down right?

How about a drill that can launch right through to -90 degrees down! So now steep "drop offs" with limited room are no problem.



360 degree rotation

This feature allows the **EasyDrill** to reach into corners, over fences, and even into buildings, and rotate around, and **drill back under the excavator**, this feature makes road crossings simple!





A self contained Directional Drill

Turn your excavator or backhoe into a self contained Directional Drill! Simply disconnect your bucket, attach the EasyDrill, hook up the rod box, and fluid system (either separately or together) and you have a self contained Directional Drill, **capable of accessing even the most challenging jobs!**

No Slip Vices

Have you ever wondered why bolts have hex ends and not round heads? We used the same logic and use hexagonal tool joints on our drill rods and vices. **These hydraulically activated vices will not slip!**

High quality tooling

A Directional Drill is only as good as its down hole tooling, the EasyDrill FD10-G comes with high quality custom designed tooling.

Hexagonal fittings on the Sonde housing, and cutters, are standard and offer reliable connections that are easy to change. In addition EasyDrill can offer a full range of tooling to cope with even the toughest bores, including rock!



Rear Foot



Hydraulic bracing

The FD10-G utilises 3 hydraulic bracing arms to **quickly and efficiently hold the drill in place during drilling.**



Specifications:

Thrust	8,000 lb's	3,628 kg's
Pull	10,500 lb's	4,764 kg's
Torque	1,225 ft/lb's	1,660 Nm
Spindle speed		0-110 rpm
Drill fluid (pressure)	0-500 psi	0-31 bar
Drill fluid (flow)	0-11 gpm	0-40 lpm

Hydraulic Requirements:

Oil flow	Min 60 lpm (16 gpm)
Pressure	Min 2500 psi (172 bar)

EasyDrill

Features:

- Surface launch
- Pit launch
- 360 degree rotation
- +/- 90 degree launch angles
- Hi speed shuttle
- Ground sensing controller
- Hydraulic bracing
- Self contained

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Dimensions : 1850mm L x 600mm W
 With operation (seat) 1500mm W
 + earth mat.
 Weight: 450 kg.

The specifications listed are general and subject to change without notice. EasyDrill reserves the right to make engineering design or specification modifications or discontinue manufacture at any time without notice or obligation.