

SPIDERPLOUGH



MPC Kinetic developed and introduced its advanced plough installation technology to the Australian resource sector in 2010, during the country's largest ever development of the coal seam gas sector.

SEE IT:

MPC Kinetic identified the need for a faster, less intrusive HDPE pipeline installation method to address the rapid growth of the coal seam gas industry. In short, CSG developers required a fully functional 6000+km CSG gathering network built by 2014 to enable them to deploy first gas to the market by 2015.

SOLVE IT:

The plough's patented revolutionary design enabled HDPE pipeline to be installed up to three times faster than conventional trench, lay and backfill methods. In a single pass, the plough could install dual 315mm gathering pipeline and FOC/LV cabling using just three machines (plough, winch, telehandler) and a crew of four at rates of up to 12km per day. The revolutionary design enables the plough to install HDPE pipelines and cabling directly into the ground without trenching and therefore minimal disbursement or disturbance of subterranean soils.

DO IT:

The plough can install dual or single HDPE pipelines between 110mm right up to single 630mm (a world first) with fewer crew, less machinery and faster than any conventional trench and lay method that exists. Where as conventional methods will lay approximately 100m of pipe per day, MPK's innovative solution has the ability to lay more than 850m of pipe per day.