SPECIALIZED & COMMITTED
working on all kinds of live and pressurized water pipelines

Hot Tapping and Line Stopping Specialist
Dynadex
about Dynadex

Dynadex is a Malaysian company with a team of experiential expertise in Hot Tapping and Line Stopping since year 2000. Our team has successfully delivered projects of pipeline sizes ranging from 100mm up to 2200mm. Our professional services include project consultation and execution for both Hot Tapping and Line Stopping.

Dynadex believes in total customer solutions and services. Apart from offering the DDX Hot Tapping & DDX Line Stopping products and equipments, we also provide contract services as per request.

www.dynadex-ddx.com
**DDX** Hot Tapping technology

**DDX** Hot Tapping or under-pressure tapping allows user to make new pipeline connections by making a hole on the main pipe while the water is still running in the pressurized pipe.

Typical application of Hot Tapping include making a branch connection, initiating a bypass and allowing performance of a line stop.

The most common problems with hot tapping are excessive vibration and instability performance of the tapping machine. **Dynadex** hydraulically driven **DDX** series of Hot Tapping machines are designed with **enhance-body-stability with sequentially-align universal cutting carbide teeth** that makes under pressure tapping smooth, steady and fast.

**Features of DDX Hot Tapping Machine**

The basic tapping machine includes:

- Structural Casing
- Tapping Housing
- Drive Shaft
- Hydraulic Drive Motor
- Tapping Cutters
- Pilot Drills
- Hand Wheel

- Durable universal carbide cutter teeth to ensure fast accurate cutting
- Works on any flange joint tapping valve
- Rated at PN16
- Work on steel, cast iron, ductile iron, asbestos cement, PVC or PE
**DDX Line Stopping technology**

**DDX** Line-Stopping is a process which eliminates complete water system shutdowns that create major service disruptions while the repair, replacement or relocation work is needed by acting as a temporary valve to stop the flow at the selected section.

**DDX** Line-Stopping gives you the By-Pass options especially for a two-way feed water line to carry out repair works while the water supply continues to serve your customers.

**DDX** Line Stopping technology suitable for application such as:
- Main valve repair & Installing new valve
- Pipe burst
- Relocation of water pipeline
- Non Revenue Water (NRW)
- Emergency and critical situations such as redirection of water

**Features of DDX Line Stopping Machine**
The basic Line Stop Machine includes:
- Line Stop Enclosure Housing
- Rubber Sealing Stopper Head (Single Pivot / Foldable Pivot)
- Hydraulic Cylinder Actuator
- Check Valve Control (Hydraulic)
- Hydraulic Coupler Connectors & Hoses
Pipeline & Valves Rehabilitation
without supply interruption by DDX Hot Tapping & DDX Line Stopping

Using DDX Hot Tapping & Line Stopping
- Does not require complicated planning;
- No water wastage during work, flushing of bringing back online;
- No air lock problem;
- Will not cause contamination to pipeline;
- Water supply to consumers not interrupted;
- No social costs;
- Ideal for pipeline and valves rehabilitation program as it can be operated without shutting down any system

Using Regular Shut-downs
- Expensive manpower (planning, site works, etc.);
- Waste of water for flushing & bringing back online;
- Air lock;
- Contamination;
- Unhappy consumers;
- High social costs;
- Possibility of pipe bursts on old pipes;
- High rehabilitation costs for pipeline and valves rehabilitation

DDX Hydraulic Power Pack

DDX Hydraulic Power Pack is designed distinctively to provide constant pressure, torques and continuity of driving force to all DDX series Hot Tapping machine to completing the tasks.

It is also made suitable for most DDX Line Stopping machine applications.

Features of DDX Hydraulic Power Pack
The essential components for our power pack are:
- New Diesel Engine
- 32 cc Hydraulic Pump
- 20 - 30 Gallon Fuel Tank c/w Top filler/ breather, drain plug and sight level indicator
- 25 - 30 Liters Hydraulic Tank
- Manual Hydraulic Control Valves - Hydraulic pressure Supply on Demand when activated (forward & backward)
- Supply Pressure Regulator
- Twin 20mm Hydraulic connecting hose (supply & return)
Our Products & Services

**DDX Hot Tapping**
Size available from DN 100 - DN 1500

**DDX Line Stopping**
Size available from DN 100 - DN 2200

**DDX Hydraulic Power Pack**
Custom made for Dynadex Hot Tapping & Line Stopping Machine

**Accessories**
- Tapping Cutters, Pilot Drills, Line Stop Rubber Seal, Universal Carbide Tips & etc

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Contact us for further information for your requirement today

Dynadex Sdn Bhd (838365-P)

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