PrimeTech:
a wide range of demining machines

PrimeTech®
a brand of FAE Group
PrimeTech is a division of FAE Group (est. 1989), worldwide leader in the design, development and manufacture of advanced mulching machines. PrimeTech self-propelled tracked carriers are suitable for several applications like forestry management, land conversion, road construction and maintenance, as well as mine clearing. PrimeTech Machines are very versatile. Machines for different applications share a good base of ware parts and components. The PT D:Mine Series is operated in some of the most dangerous and harsh conditions by Humanitarian Organizations, Mine Clearing Contractors and Armed Forces.

PrimeTech machines are known for their endurance and minimum downtime. The design of the PT D:Mine equipment allows a very easy access to the main service points of the machine. PrimeTech systems offer some of the greatest versatility in today’s market and at excellent value to the machine.

A wide range of remote controlled Demining Machines

PrimeTech’s range of remote controlled Demining Machines consists of 3 models that have been designed according to the CWA/15044/2009 standards, in the categories Light, Medium and Heavy mechanical demining assets as follows:

- PT-175 D:Mine - remote controlled vehicle, with 160 hp
- PT-300 D:Mine - remote controlled vehicle, with 275 hp
- PT-400 D:Mine - remote controlled vehicle, with 415 hp
PT-175 D:Mine - Light category mechanical demining asset (CWA 15044/2009)

PT-175 D:Mine is a Light demining machine able to deal with AP mines. PT175 D:mine is the ideal vehicle for vegetation cutting and ground preparation also on ground where others cannot operate. It is powered by a Cummins inline 4-cylinder engine: a 160 HP power plant that together with the design of the rotor guarantees very high productivity in all conditions. An innovative remote control ensures accurate guidance of the vehicle at a range of up to 1000 meters. PT-175 D:Mine is equipped with a FAE 140/TD tiller, which is specifically designed for mine clearing. Working width of the 140/TD is 1850 mm and average working depth is 200 mm.

PT-300 D:Mine - Medium category mechanical demining asset (CWA 15044/2009)

PT-300 D:Mine is a medium mechanical demining asset, powered by a John Deere inline 6-cylinder engine, with 275 hp. It is able to withstand blasts from anti-tank mines. Its rugged steal structure ensures the machine to advance and move easily even in extreme conditions. PT-300 D:Mine is equipped with a FAE 300/TD tiller, specifically designed for mine clearing. Working width of the 300/TD is 2500 mm and average working depth is 250 mm. The design of the tiller head and rotor and the materials used combine to limit damage in the event of exploding mines. Other types of front attachment can be mounted as required (forestry mulcher, forestry tiller, rock crusher).
PT-400 D:MINE - Heavy duty mechanical demining asset (CWA 15044/2009)

PT-400 D:Mine is a Heavy mechanical demining asset, able to withstand blasts from anti-tank mines. It is a machine built for severe-duty jobs, with a rugged and extremely resistant structure made of special steels selected for their exceptional strength, offering a very high level of reliability.

The vehicle is equipped with the FAE 500/TD demining tiller which has a working width of 2750 mm. The strongly purpose built demining tiller will till the ground at an incredible speed clearing the area, eliminating the mines and making the area safe. The demining tiller or flails also protects the machine from damages, can work up to 300 mm in depth and ensure that mine clearance operations are made properly.

The advantages of PrimeTech tracked vehicles

As the ideal choice for humanitarian operations in the world's most hostile regions, the machines work on virtually all terrains, including on steep slopes and in swampy and soft ground.

CERTIFIED QUALITY

All FAE manufacturing facilities are ISO 9001 certified and equipment is built according to the highest quality standards. Both PT-300 and PT-400 D:Mine have been, in fact, tested and certified against anti-personnel and anti-tank mines (up to 7 kg of explosive) by the Croatian Mine Action Centre, Centre for Testing, Development and Training Ltd., in accordance with the CWA 15044:2009 standards.
HIGH RELIABILITY AND PROVEN DESIGN

PrimeTech vehicles are working in different fields of applications throughout the world: from Siberia to Brazil, from Indonesia to Canada, they are used in both harsh weather and dangerous working conditions. Thanks to the proven design, PrimeTech vehicles stand for high reliability and reduced downtime. The easy access to the main components of the PT tracked vehicles reduces the time and cost of maintenance.

UNMATCHED PERFORMANCE

PT-175 D:Mine, PT-300 D:Mine and PT-400 D:Mine are designed for performance on steep terrains being able to perform demining uphill and downhill as well as sideways. Fording depth capacity enables crossing water up to 700 mm depth. All the PrimeTech demining machines can be operated by remote control at a range of 1000 m, allowing the operator to stay at a safety distance from the mine detonation. In addition the PT D:Mine machines are VERSATILE AND MULTI PURPOSE. In summary, alternative front attachments can be quickly mounted in order to perform the following applications:

- Mine clearance/EOD/UXO/victim activated IED
- Land clearing/vegetation management/site preparation
- Land conversion/preparation of agricultural land
- Road construction/maintenance/airport runways

Machines are used prior, during and after demining projects; they help optimize resources and time and provide the opportunity to generate value.
Please visit our web page to contact your nearest dealer:
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