

Diversified Technologies' Pulsed Electric Field Pre-Treatment System Increases Food Processing Yields with Huge Energy Savings

A PEF (pulsed electric field) production system for pre-treating multiple tons of whole pieces of fruits and vegetables per hour to improve processing and increase juice yields by up to 50% and achieve up to an 80% reduction of drying energy has been introduced by Diversified Technologies, Inc.

BEDFORD, Mass. ([PRWEB](#)) November 06, 2019 -- [Diversified Technologies, Inc.](#) has introduced a PEF production system for pre-treating multiple tons of whole pieces of fruits and vegetables per hour to improve processing.

The DTI Industrial PEF Unit can pre-treat whole pieces of fruits and vegetables at the rate of multiple tons per hour to increase juice yields by up to 50% and achieve up to an 80% reduction of drying energy. Designed for food drying, extraction, and tissue modification production processes, these compact systems can be custom configured for specific applications.

Capable of 100 - 10,000 liters/hr. throughput, depending upon parameters including conductivity, the DTI Industrial PEF Unit can be modified electrically and physically over a wide range of specifications. Readily integrated into various processing systems, they have maximum 50 – 600 kW power, field strength to 50 kV/cm, peak voltage of 10 - 40 kV, peak current to 500 A, and pulse frequency to 4 kHz.

DTI Industrial PEF Units are priced from \$500,000.00, configured to meet processing requirements. Price quotations are available upon request.

For more information contact:

Diversified Technologies, Inc.
Michael A. Kempkes, VP of Marketing
35 Wiggins Ave.
Bedford, MA 01730-2345
(781) 275-9444 x211 FAX (781) 275-6081
e-mail: kempkes@divtecs.com
www.divtecs.com



Contact Information

Michael A. Kempkes

Diversified Technologies, Inc.

<http://www.divtecs.com>

(781) 275-9444 x211

Online Web 2.0 Version

You can read the online version of this press release [here](#).