TEGLE TRUSS ASSEMBLY SYSTEM

Modern & Rational

TEGLE PRODUKTER

Dep. of North Mechanical Innovation AS

A Profitable Investment

Tegle hydraulic press for production of trusses (THTP) - is one of the market's most efficient presses. Through the ergonomic design, it greatly simplifies the operator's task and reduces the risk of damage to the worker's spine and overwork. It is controlled by joystick and provides up to 40 tons pressure for larger structures.

Use of THTP complies fully with Safety, Health and Welfare at Work Regulations. It provides satisfied employees and an efficient production. Compared to alternative solutions the THTP is the most effective, easiest to operate and the least physically demanding. This ensures good productivity and increases profits.

For even greater efficiency the THTP can be delivered with roof-mounted laser projector.

THTP also takes up little space and can easily be stored away when not in use.

No Limitations

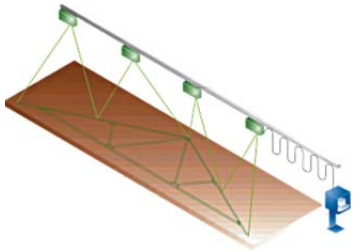
Since THTP does not require an overhead crane or a large jig to operate, it is possible to produce as small and large trusses as desired.

The press-device "floats" in the construction to ensure that the nail plates are pressed correctly in case of thickness or height change. With the depth of 600 mm which is the best on the market, the THTP can reach points even deep in the roof trusses.

Tegle Roof-mounted Laser Projector

To improve the efficiency and accuracy, we offer roof-mounted laser for projection of CAD drawings in 1:1 scale. The laser is modular and comes with red or green beam.

This is a visual aid for quick and proper placement of materials and pedestals. The rotation and displacement occurs “online”.



Advantages

THTP has many advantages. Its design provides accessibility. It requires little space, but nonetheless it can perform major operations.

The machine is very fast and can operate different types of pedestals. Range is only limited by the length of electrical cable.

Easy to use

Creating a truss with THTP is very easy. Pedestals are positioned on a metallic floor surface, by means of appropriate measuring tools or laser projection. They are fixed with magnets, truss parts are put in place and locked in place with a single grip. Then nail plates are placed, and it is just to run the THTP from point to point and press.

THTP moves quickly and easily without physical effort. The operators avoid heavy work and can work efficiently throughout the day.

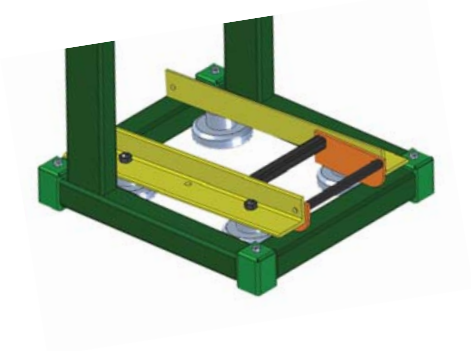
Newly Developed Components

We have developed a new and larger cylinder with a built in end damper and optimized control valve. This leads to reduced working pressure in the system and contributes to an increased lifespan.

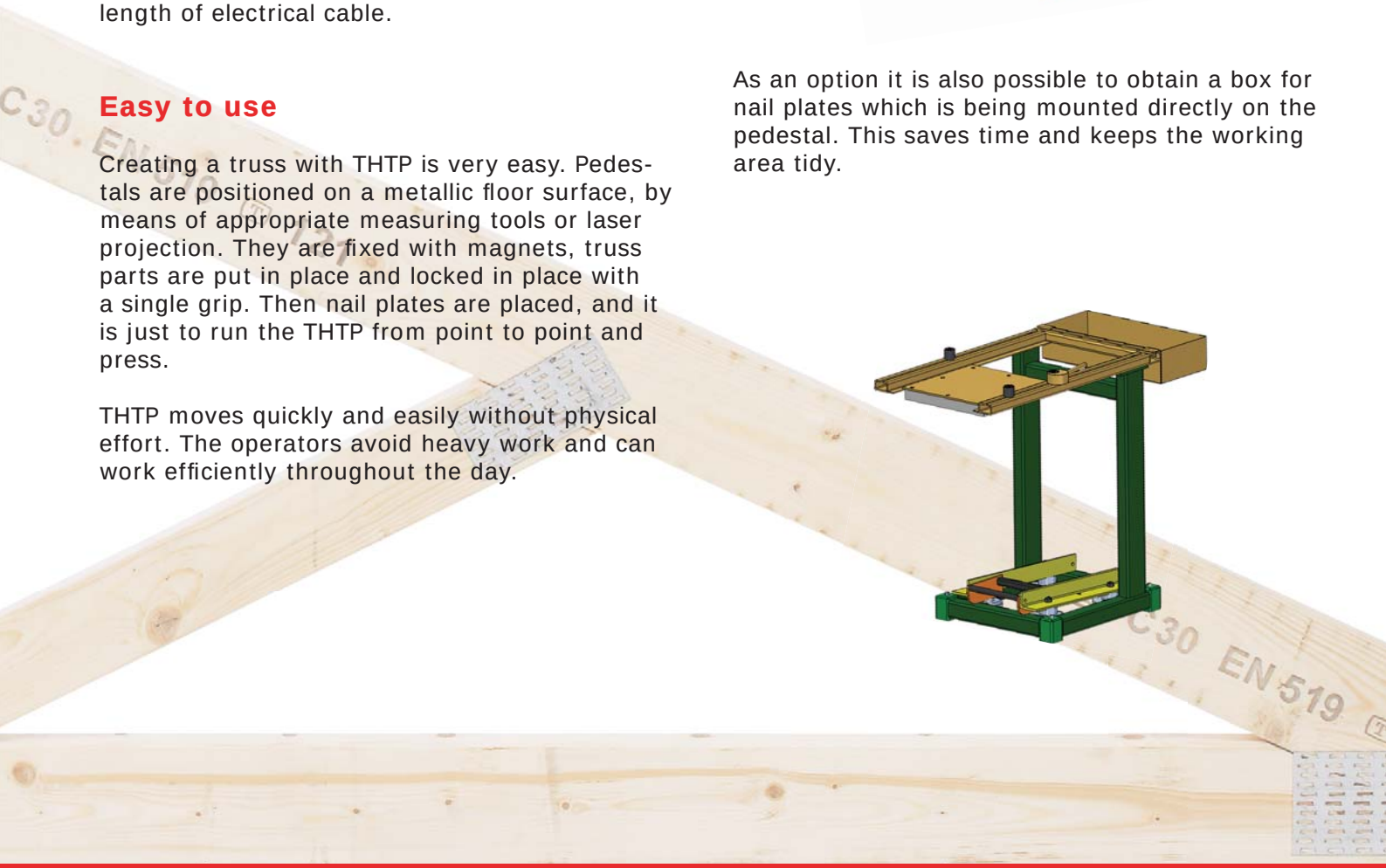
Pedestals

Our new pedestals can be compared to a small revolution in production of trusses. Now the service is performed by simply pressing the pedal so the position- change of pedestals happens very quickly.

In 2008 we have also started with use of four magnets distributed on each corner of the base of the pedestals. This increases the stability and ease the operation.



As an option it is also possible to obtain a box for nail plates which is being mounted directly on the pedestal. This saves time and keeps the working area tidy.



TEGLE - World-Leading Quality

Since the beginning in 1940, Tegle Produkter has gained a reputation as one of the world's best producer of woodworking equipment. Consistent quality and extensive experience ensures that our customers are among the most satisfied customers in the world.

As a part of our commitment to environmental production, the components of our machines are recyclable. We also offer replacement of all our machines, as well as the upgrading and automation of its components.

A large number of our machines are more than forty years old and are still in daily operation. This gives our customers security for profitable investment. All our products have extremely low operating costs and on the basis of long life the investment in a TEGLE-Machine will provide solid earnings year after year.

TECHNICAL CHARACTERISTICS	*TEGLE TRUSSES - THTP*
Capacity	*Approx. 20-40 trusses per hour*
Steering	*1 operator*
Motor	*7.5 HP*
Depth of the Pressure- device	*600 mm*
Opening of the Pressure- device	*210 mm*
Pressure Plate	*470 x 300 mm*
Length x Width	*1,400 x 1,400 mm*
Height	*1,500 mm (without the swivel stand)*
Weight	*Approx. 1,200 kg*

VISITING ADDRESS
Breimyra 18
N-4340 Bryne

ADDRESS
Box 100
N-4349 Bryne

TLF +47 51 48 01 87
FAX +47 51 48 01 81

E-MAIL post@tegleprodukter.no
WEB www.tegleprodukter.no

VAT. No. NO 980 673 022 MVA
ACC. No. 5413.06.20585