

LAARMANN Pellet presses

If you analyze samples like: grounded soil, various powders or other processed materials you or various powder, grounded soil or other materials using an X-ray fluorescence instrument, infrared spectroscopy, calorimeter or similar machines you will need to have a solid lab press. Your xrf/pellet press should be easy to handle in order to produce the perfect pellets.

LAARMANN manual lab presses are made from solid stainless steel and aluminium construction for the best quality, enabling to use a variation of die sets from 3 to 50 mm, which will give you the best results in the market.



LMPP40, 40 tons pellet press

The 40 Ton XRF Press is used for pelletizing of grinded material for X-ray analysing purposes. Pellets of various thickness and diameters can be produced using the LAARMANN 40 Ton XRF Press. Up to 10 different programs programmable. A program consist out of 1 to 6 steps. Within each step the press power and time can be adjusted. For each material there is a different optimum pressure.

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|----------------------|--|
| Ambient temperatur | +5°C – +40°C |
| Atmospheric humidity | 85% RH |
| Dimensions W x D x H | 50 x 80 x 110 |
| Max lenght | 84 mm |
| Noise emission | 70 dB(A) |
| Power supply | 220V ± 10% – 50/60Hz |
| Programs | Up to 10 different programs |
| Rated power | 3200W |
| Timer | 0-20 sec in 1 sec steps. Each level is controllable. |
| Weight | 200kg |



LMTP1 1-15 tons pellet press

The TP2 has a pressure gauge with 100 mm dia. and a scale of 0.5 tons. It uses four longer columns compared to the TP1 for larger die sets and improved stability. The enhanced pressure range extends the press use for the common 32 and 40 mm die sets, needed for XRF analysis.

| | |
|--------------------------|------------------|
| min. / max inner height | 50mm /142mm |
| display | analog, 0.5 tons |
| spindle diameter | 35mm |
| spindle way max | 102mm |
| cylinder dia. / lift way | 105mm /22mm |
| max load | 15 tons |



LMTP2 1-25 tons pellet press

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|--------------------------|------------------|
| min. / max inner height | 73mm /185mm |
| display | analog, 0.5 tons |
| spindle diameter | 45mm |
| spindle way max | 112mm |
| cylinder dia. / lift way | 105mm /22mm |
| max load | 25 tons |