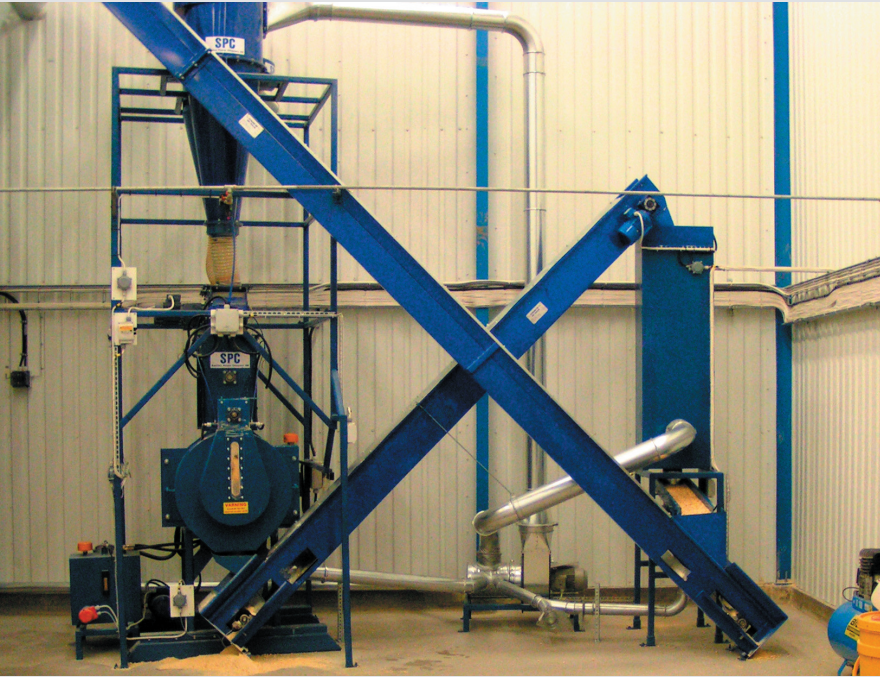


Transform Heaps of Wood Shavings and Sawdust into Heaps of Extra Profit

Any company having continuous access to quantities of sawdust or wood shavings can develop pellet production and make extra big profits



Our Products:

Equipment for manufacturing and packing pellets

Design Capacity Range:

250 to 350 kg pellets per hour

Fuel type:

Sawdust or shavings from pine or spruce with moisture content of up to about 15%.

End User:

Any industrial manufacturer producing a by-product of sawdust or shavings in quantity

Sweden Power Chippers AB manufacture and sell our own design of equipment for pressing and packing pellets.

After many years experience in the manufacture of wood chipping equipment, and after several years of R+D, we launched the first industrial, small scale, pellets press onto the biofuel market. We supply creative and profitable solutions for workshops and factories that produce sawdust and shavings as a by-product. Our fully automated, trouble-free pellets press has a low capital investment cost and high ROI. It requires an absolute minimum of overseeing and maintenance.

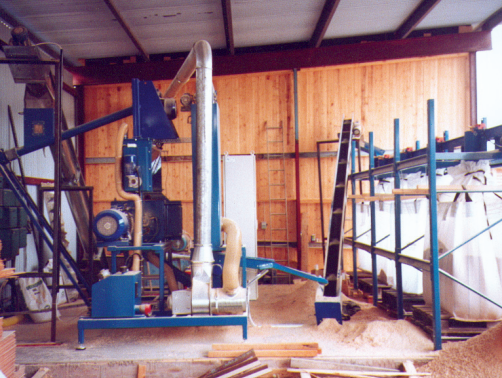
The Swedish National Agriculture Collage and The Swedish National Standards Institute use our products in their research projects and programs when testing different biofuel solutions. They need reliable equipment at a reasonable price.

When a company has consistent access to quantities of sawdust or shavings, developing pellet manufacture is very profitable.

Installing a pellets press is easy and takes less than a couple of days. As sawdust or shavings are dry, less than 15% moisture content, they require no further drying, there are no extra transport costs involved in obtaining raw materials; all that is needed is at hand.

Experience shows locally produced pellets can often be sold locally, for a very good price. Establishing a new profit stream in a pellets press is good for the environment and is seen as socially responsible.

To produce 1 ton of pellets requires about 6m³ shavings or sawdust. A pellets press that produces 250 to 350 kg pellets per hour can produce about 2000 ton pellets annually. 2000 ton of pellets could replace 1000 ton of light oil, so reducing CO₂ emissions by 250 tons per annum. When we plan for the future, why pay more in energy costs than we have to. Pellet production pays.



The PP300 Kompakt

is a Swedish pellets press with a capacity of 250 to 350 kg per hour. It produces pellets 8 cm in diameter. The press is of compact size, is easy to run and service.

Raw Materials. As with any product, the quality of raw materials used for production will affect the quality of the end product. Clean pine and spruce shavings or saw dust, with no more than 15% moisture content and less than 3 cm fraction, are ideal for high quality pellet production.

Operation. The raw material is automatically fed into moulds and pressed into pellets. High pressure and temperature is applied. The finished pellets are subsequently discharged into a cooling tower for later packing into sacks.

SPC small sack packing machine

This cost effective machine has PLC controls for manual packing, allowing precise, measured packing at high tempo.

Method. A mechanical auger, deposits pellets for weighing and packing in three tanks, each transfer tank holds about 30 kg pellets. The pellets are subsequently deposited into a scale. When a pre-set weight of pellets is reached, a pneumatically driven sluice opens and transfer of pellets to the sack occurs. The whole process is fast, efficient and effective.

SPC super-sized sacks

SPC's super-sized sack filling machine is automatically PLC controlled for continuous filling of sacks in various sizes. The usual sack sizes are between 500 and 1500 kg. Management of this equipment requires minimum operator support. The sack filling process can be placed immediately after the pellet press's integrated sifting device, thus ensuring sawdust free delivery.

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SPC
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