

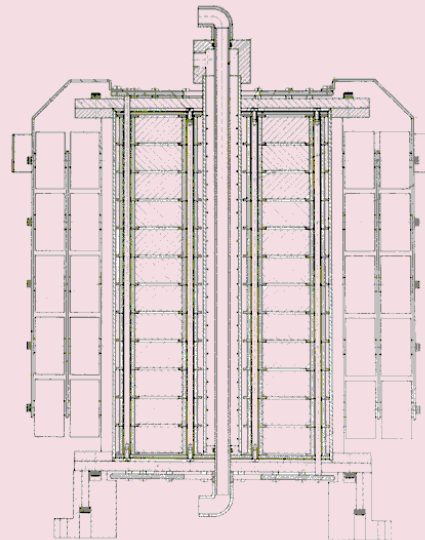
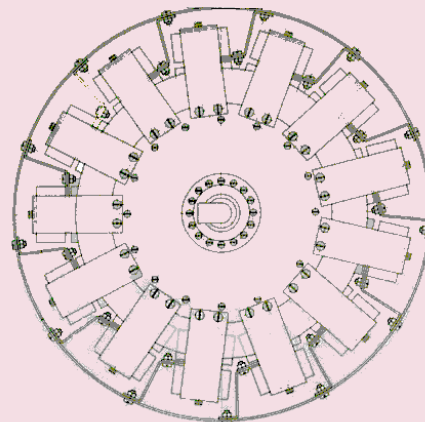
# Pulsed power systems

We are specialists in the design of all forms of pulsed high-voltage circuitry especially as required by pulsed TEA-laser systems.

Find us at [www.jeenel.com](http://www.jeenel.com)!

The circuits typically make use of thyratrons and electromagnetic pulse compressors. Solid state switching can also be incorporated.

We can supply single and multi stage pulse compression systems, to fit your application.



## Pulse compressor specifications

Electrical Pulse Energy	J	2	10	15	25	40	100	250
Peak Output voltage	kV	120	120	120	120	100	80	60
Output rise time	ns	50	60	65	80	100	120	250
Pulse repetition frequency	Hz	6000	2500	2000	1500	1000	500	100
Output Jitter	ns	2	3	3	4	5	6	10

**JEENEL TECHNOLOGY SERVICES (Pty) Ltd**

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