ScandiNova

PRODUCT LINE-UP

Klas Elmquist

Per Benkowski

A COMPLETE RANGE OF PULSED POWER SYSTEMS

ScandiNova

- M050
- M100
  M100D
- M100-i
  M100D-i
- M200
  M200D

i = integrated version
D = dual energy

RF Peak power	Voltage	Electric mean power
3MW	50kV	64kW (single phase)

E110

- Built from the ground up to handle e-gun loads
- M-platform control system
- Dual energy capable
- On board digitizer (CT/CVD)
- Patented design

PG-SERIES

PG050

PG200

ScandiNova

PG-SERIES

- Reliable
- Small footprint
- Safe
- IP-classified (PG200)
- Integrated AC (PG200)

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K-SERIES

- Reliable
- Extreme pulse to pulse stability
- Small footprint
- Safe

- Typical 50 kV 3 kA 100 kV 3 kA 100 kV 3 kA 100

K-SERIES

- K100
- K200
- K300
- K400
- K500

RF Peak power	Voltage	Electric mean power
100MW	190kV	100kW
200MW	190kV	100kW
300MW	190kV	100kW
400MW	190kV	100kW
500MW	190kV	100kW

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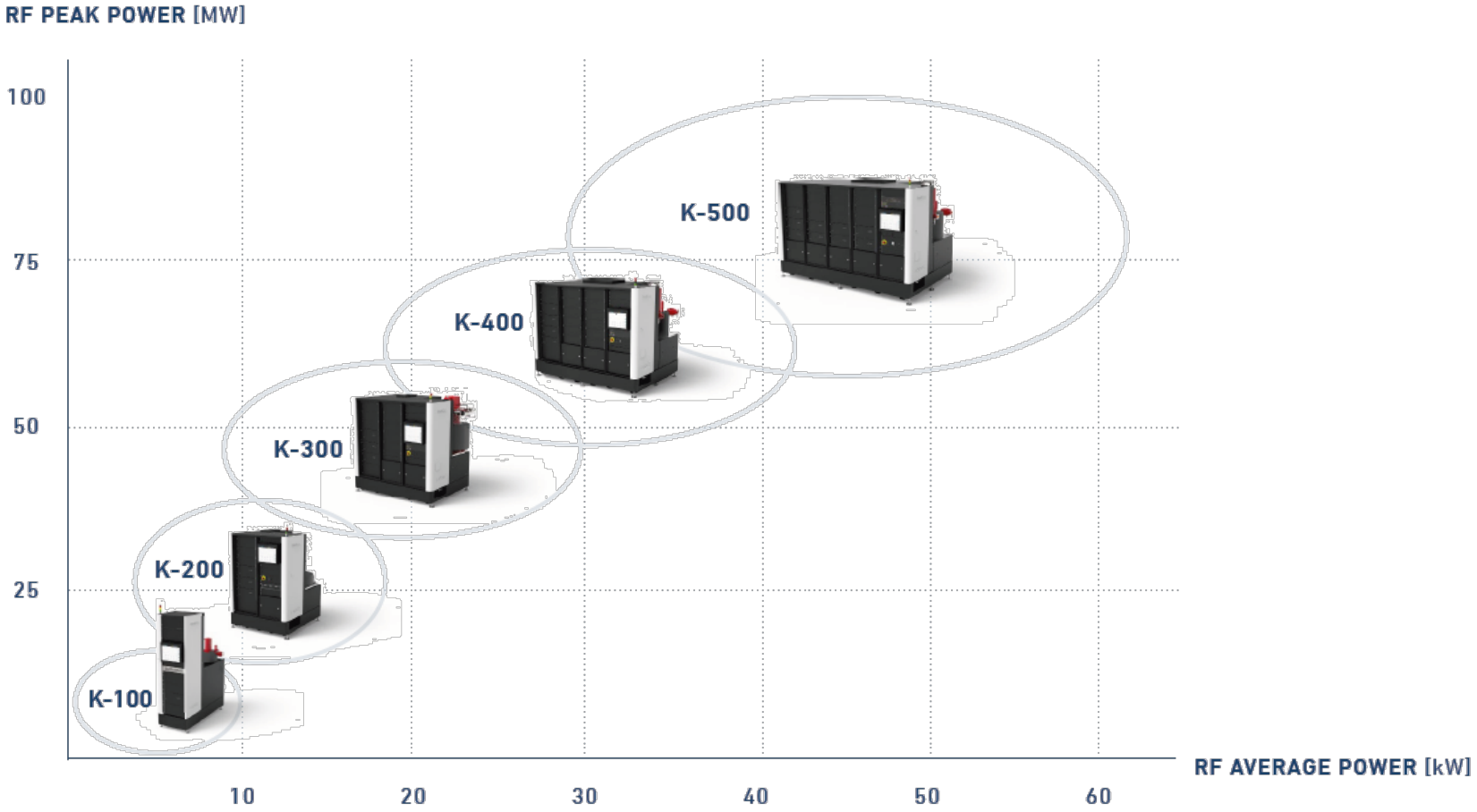
RF PEAK POWER [MW]
100
75
50
25
K-500
K-400
K-300
K-200
K-100
10
20
30
40
50
60
RF AVERAGE POWER [kW]

K-SERIES

MODULAR DESIGN

	FULL RF UNIT	BASE CONFIGURATION	MY NEEDS
Charging PS	•	•	
Switches	•	•	
Pulse Transformer	•	•	
Control System	•	•	
Cooling System	•	•	
Filament PS	•	•	
Power Distribution	•	•	
Klystron	•		
Solenoid PS	•		
Vacuum PS	•		
Low-level RF Amplifier	•		
RF Diagnostics	•		
Circulator	•		

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TACK!