



INDRIVETEC AG

Converters for Mining Applications and Services

INDRIVETEC AG

SER Converters

the flexible and versatile power conversion system to drive DASM in sub – or hypersynchronous mode for ball mills, sag mills and similar applications in the MW range.

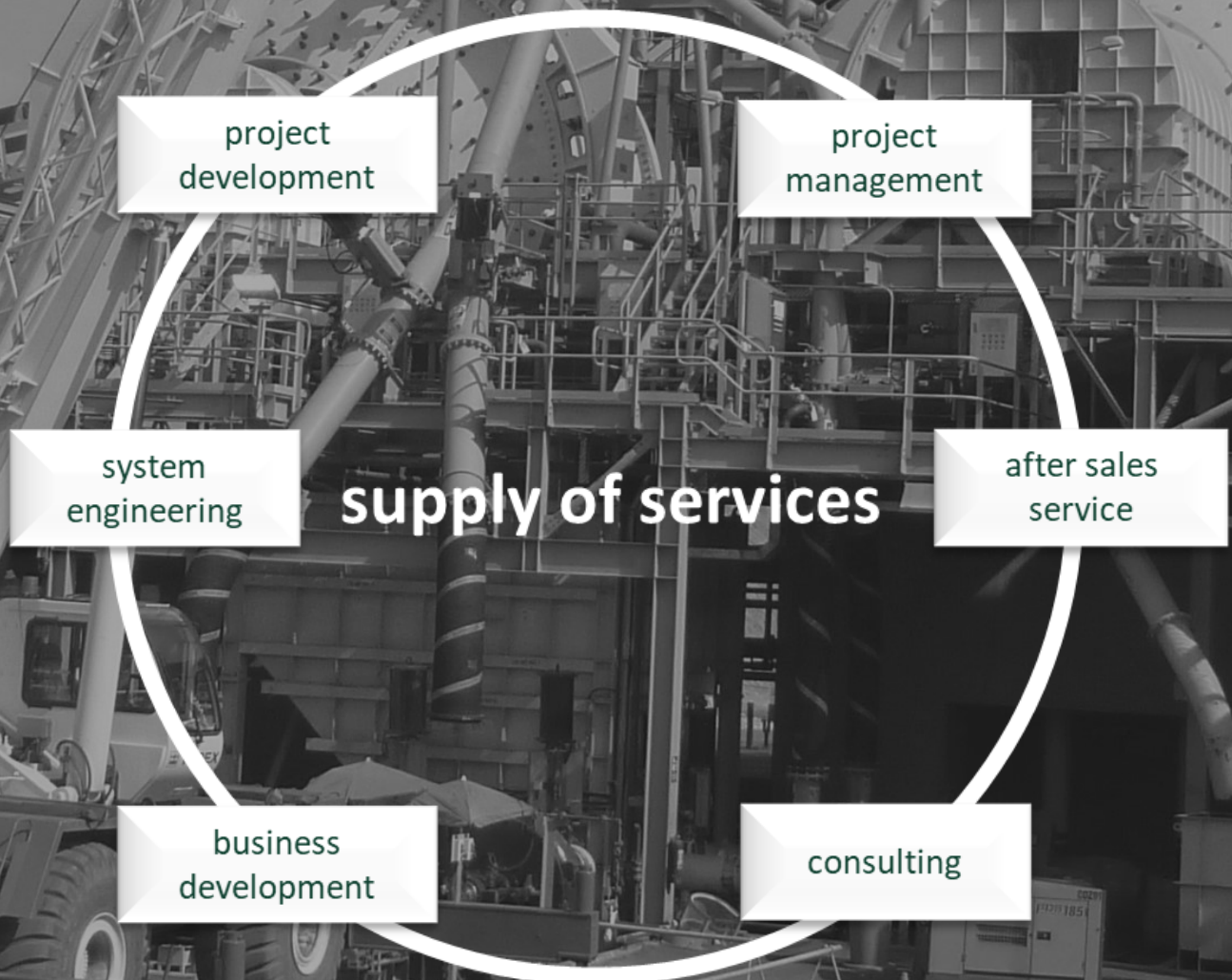
Innovative cooling concept and design for harsh environment.

Type (other on request)	SERD3.0	SERD6.0	SERD7.5
DAS-Machine data			
Machine power	~ 3.0 MW	~ 6.0 MW	~ 7.5 MW
Stator voltage	LV or MV e.g. 3.3kV...13.2kV	LV or MV e.g. 3.3kV...13.2kV	LV or MV e.g. 3.3kV...13.2kV
SER Converter data			
AC input voltage	550V ±10%	550V ±10%	550V ±10%
Grid power	0.55MVA	1.2MVA	1.5MVA
AC rotor voltage / max.	0...500V / 750V	0...500V / 750V	0...500V / 750V
Machine rotor power	0.6MVA	1.25MVA	1.6MVA
Rotor frequency	0...10Hz	0...10Hz	0...10Hz
General data			
Dimensions (L/W/H)	4.4 x 0.8 x 2.0m	5.4 x 0.8 x 2.0m	6.2 x 0.8 x 2.0m
Weight	2.8t	3.8t	4.7t
Operation temperature	-25°C...+50°C (other on request)		
Operation elevation	up to 2000m (up to e.g. 5000m on request)		
Cabinet protection level	IP54		
Heat exchanger			
Dimensions (L/W/H)	0.65 x 1.0 x 1.0m	1.5 x 1.1 x 1.1m	2.2 x 1.6 x 1.4m
Weight	150 kg	250kg	390kg
Operation temperature	-25°C...+50°C (above 45°C with derating)		

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Services for product life cycle

Indrivetec offers its customers the entire range of the product life cycle, consulting - business development - project development - project management - commissioning - maintenance and after sales service of mining converters.



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Service, commissioning and maintenance

Indrivetec offers its customers an interesting range of servicing and repair work. We keep devices, installations and systems in good shape thanks to preventive maintenance and servicing and ensure rapid repair.

