









# MOVI-C® Cabinet Inverter Overview

Full integration into MOVI-C® automation platform

Powerful MOVIKIT® software modules for pre-programmed motion function

Intuitive and quick startup

	<b>MOVITRAC</b> advanced 	technology 	<b>MOVIDRIVE</b> system 	modular 
<b>Intro</b>	<i>Compact allrounder for most applications</i>	<i>Allround drive for challenging applications mainly with fieldbus control</i>	<i>Single axis inverter for operation mainly with MOVI-C CONTROLLER</i>	<i>Multiaxis system in single and double axis module configuration for operation mainly with a MOVI-C CONTROLLER</i>
<b>Power Range</b>	0.25 – 315 kW 0.33 – 420 Hp	0.55 – 315 kW 0.75 – 420 Hp	0.55 – 315 kW 0.75 – 420 Hp	2 – 180 A (single and double axis modules available)
<b>Power Supply</b>	3 x AC 380 V – 500 V 3 x AC 200 V – 240 V 1 x AC 200 V – 240 V	3 x AC 380 V – 500 V 3 x AC 200 V – 240 V		3 x AC 380 V – 500 V
<b>Overload Capabilities</b>	150 % (for 30s at $f_{PWM}$ 4 kHz)	200 % (for 3s at $f_{PWM}$ 4 kHz)		250 % (for 1s at $f_{PWM}$ 4 kHz)
<b>Fieldbus Options</b> (besides binary)	Built-in module: PROFINET, EtherNET/IP, Modbus TCP, , EtherCAT CiA402, POWERLINK CiA402, EtherCAT/SBus <sup>PLUS</sup> , EtherCAT process data	Option cards: PROFINET, PROFIBUS, EtherNET/IP, Modbus TCP, Built-in: EtherCAT/SBus <sup>PLUS</sup> , EtherCAT process data	Built-in: EtherCAT SBus <sup>PLUS</sup> , CiA402, EtherCAT process data	
<b>Control Modes</b>	V/f, VFC <sup>PLUS</sup> , ELSM, CFC for all common motor types			
<b>Encoder Interface (built-in)</b>	MOVILINK DDI encoder, HTL encoder	MOVILINK DDI encoder, HTL 12/24V (Differential), TTL / RS422 (Differential), SIN/COS 1 Vss (Differential), HIPERFACE® with SIN/COS signal 1 Vss, SEW encoder (RS485) with SIN/COS signal 1 Vss, Resolver		
<b>Secondary Encoder</b>	Not possible	With secondary encoder option card: SSI, CANopen, EnDat 2.1, all above but resolver		
<b>I/O</b>	6 DI, 2 DIO, + safe IO with option	8 DI, 4 DO, 3 relay contacts, I/O expansion w/ option card, + safe IO with option	6 DI, 4 DO, I/O expansion w/ option card, + safe IO with option	Single axis: 6 DI, 4 DO, Double axis: 12 DI, 8 DO, I/O expansion w/ option card, + safe IO with option
<b>Safety Functions (optional)</b>	Configurable, built-in safety modules: STO, SS1b and c, SBC, SLS, SSM, SDI	STO as built-in standard, Safety functions with option card: SS1b and c, SS2, SLA, SSM, SSR, SBC, SBT, SLS, SDI, SLI, SCA, SLP		
<b>Safe Communication (optional)</b>	PROFIsafe, FSoE, ISOFAST	PROFIsafe, FSoE		

	<b>MOVITRAC</b>		<b>MOVIDRIVE</b>	
	<b>advanced</b>	<b>technology</b>	<b>system</b>	<b>modular</b>
				
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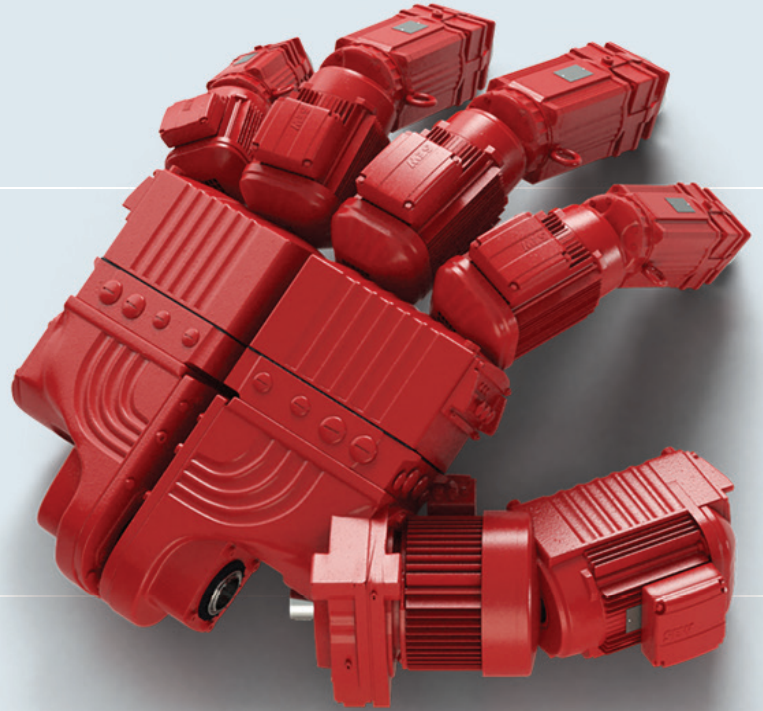
# NEED A HAND SELECTING YOUR VFD?

BESOIN D'UN COUP DE  
MAIN POUR CHOISIR

# UN VFD?

**CLICK  
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## WESTERN CANADA

SEW-EURODRIVE CO. VANCOUVER | TILBURY INDUSTRIAL PARK  
7188 HONEYMAN STREET, DELTA, | BC, V4G 1G1

**SERVICING:** BRITISH COLUMBIA | ALBERTA SASKATCHEWAN |  
MANITOBA | YUKON | NWT | NUNAVUT

**LOCAL:** 604.946.5535

**TF:** 1.800.972.5481

## CENTRAL CANADA

SEW-EURODRIVE CO. BRAMALEA  
210 WALKER DRIVE, BRAMALEA, ON, L6T 3W1

**SERVICING:** ONTARIO

**LOCAL:** 905.791.1553

**TF:** 1.800.567.8039

## EASTERN CANADA

SEW-EURODRIVE CO. MONTREAL  
2001 CHEMIN DE L'AVIATION, DORVAL, QC, H9P 2X6

**SERVICING:**

QUEBEC | NEW BRUNSWICK NEWFOUNDLAND & LABRADOR | NOVA  
SCOTIA | PRINCE EDWARD ISLAND

**LOCAL:** 514.367.1124

**TF:** 1.800.361.2928



**RED  
GLOVE  
SERVICE**

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GANT  
ROUGE**

**SEW  
EURODRIVE**