



MODEL	LIFTING POINTS	MAX WORKING PRESSURE	FLOW	INVERTER-DRIVEN ELECTRIC MOTOR		OIL TANK CAPACITY	DIMENSIONS [mm]			MASS (WITHOUT OIL)
				V / Hz	kW		A	B	C	
FPTSYNCHRO4TT	4	700 bar	variable from 0,4 to 17,5 l/min	400 / 50	7,5	350 liters	1600	1597	1244	approx. 1100 kg
FPTSYNCHRO6TT	6	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO8TT	8	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO10TT	10	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO12TT	12	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO14TT	14	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO16TT	16	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO18TT	18	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO20TT	20	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO22TT	22	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100
FPTSYNCHRO24TT	24	700	variable from 0,4 to 17,5	400 / 50	7,5	350	1600	1597	1244	approx. 1100

All versions are connectable (max. 2 machines), allowing up to 48 lifting points

FPT
SYNCHRO
Series

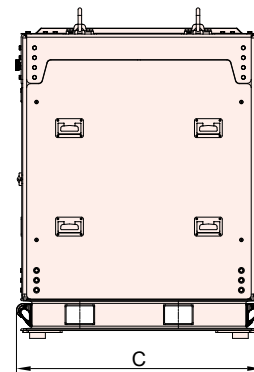
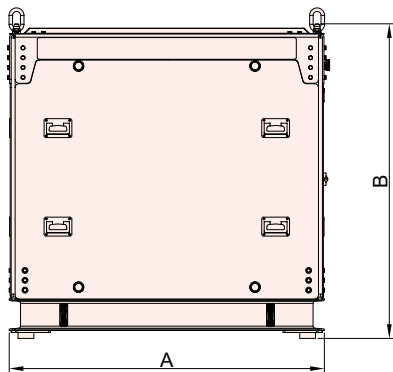
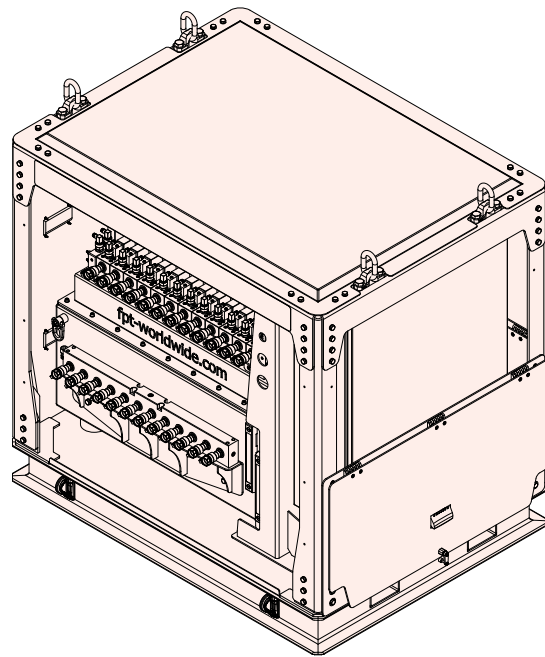
700 bar
From 4 to 48 lifting
points

A TRUE GAME CHANGER

UP TO 48 POINTS

PRODUCT PAGE

FPT SYNCHRO



AUTORETRACT FUNCTION

AUTORETRACT FUNCTION for single acting jacks

The integrated auto retract system ensures full single acting cylinder retraction without external support, eliminating manual operations and downtime between cycles. By activating the autoretract function, the system automatically retracts all types of single-acting cylinders.

DYNAMIC SPEED CONTROL

The machine automatically adapts to operating conditions through a variable-speed hydraulic system with dual pumps and a variable frequency drive (VFD), ensuring smooth and optimized performance throughout the entire cycle. It delivers fast motion in non-critical phases and precise, controlled movement when accuracy is required, combining efficiency with maximum safety.



SET TO ANOTHER LEVEL OF PRECISION

±0.5 mm ULTRA LEVELING ACCURACY

With leveling accuracy up to ± 0.5 mm, precision is not a feature — it is the standard.

The system ensures highly accurate control of complex lifting operations, improving quality, safety, and repeatability.

±0.1 mm ULTRA-HIGH PRECISION SENSORS

Ultra-high precision wire sensors deliver accuracy up to ± 0.1 mm over a 500 mm stroke.

Built for stability and repeatability in complex environments, they ensure fast installation and reliable positioning



BEST FLEXIBILITY ON THE JOB SITE

TOTAL PC CONTROL

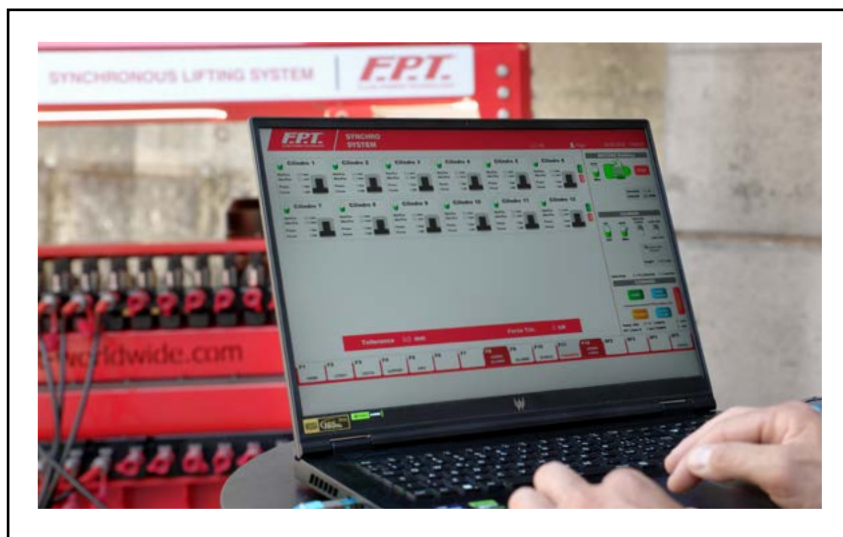
All lifting operations are fully controlled from a dedicated laptop PC.

The system runs automatically through a simple software interface, managing both lifting and lowering in real time. An Ethernet connection ensures stable communication and reliable operation, even in the most demanding job-site environments.

OPERATOR FLEXIBILITY

The operator can work freely anywhere in the working area, with no fixed control position or limitations, choosing to stay next to the cylinders, the pump, or wherever visibility of the site is best.

The next-generation HMI interface simplifies system operation and gives immediate control of all functions and preset.



BUILT FOR TOUGH ENVIRONMENTS

HEAVY-DUTY STRUCTURE FOR HARSH JOBSITE CONDITIONS

Built with a heavy-duty high-strength frame for extreme jobsite conditions and continuous use. Protective panels extend component life and reduce maintenance, while integrated lighting ensures full visibility in any condition. Certified lifting points allow safe and easy handling by crane or forklift.

ADVANCED REAL-TIME DIAGNOSTICS

Advanced real-time diagnostics continuously monitor all key parameters through a dedicated control network. Anomalies are detected instantly, enabling faster and more precise predictive maintenance and reducing machine downtime.

REINFORCED INDUSTRIAL CABLING

Reinforced armored cabling ensures reliable signal transmission even in extreme conditions.



BRING IT TO THE NEXT LEVEL

UP TO 48 SYNCHRONIZED CONTROL POINTS

Multiple machines can be combined into one system, supporting up to 48 synchronized control points as standard, with customized versions available for larger configurations. With both industrial wireless and wired communication, it ensures reliable performance even in the most challenging environments.

FULL EQUIPPED WITH COG, LOAD ROTATION & DATA LOGGING

With integrated center of gravity calculation, load rotation management, and full data logging, it ensures full traceability and intelligent decision support.

Not just monitoring — but active support for every operation.





**SYNCHRONOUS
LIFTING SYSTEM
IN ACTION**



