YOU NEED TO EXCEED THE BASIC LEVEL TO ACCESS THE INTERMEDIATE - YOU NEED TO EXCEED AT LEAST THREE INTERMEDIATE LEVELS TO ACCESS THE ADVANCED

BASIC		
1	**Continuous rotation CRANE**	
	1.1	Continuous rotation crane familiarisation
2	**Rack pinion crane**	
	2.1	Rack pinion crane crane familiarisation
	2.2	Rack pinion crane crane familiarisation (NO_CE)
3	**Reading electrical schematics**	
	3.1	Reading electrical schematics
4	**Reading hydraulic schematics**	
	4.1	Reading hydraulic schematics
5	**FASSI CAT+ATP**	
	5.1	Use FASSI CAT+ATP catalogue
6	**Types of hydraulic distributors present on FASSI cranes**	
	6.1	Dandoss D850
	6.2	Dandoss D900
	6.3	Dandoss S800
	6.4	Dandoss S900
	6.5	Hydrocontrol HC-D4
	6.6	Hydrocontrol M50
	6.7	Hydrocontrol S200
	6.8	Hydrocontrol HC-D3M
	6.9	Walvoil S100
	6.10	Walvoil SD5-elettric
	6.11	Walvoil SD5-mechanic
	6.12	Walvoil SDM080
	6.13	Walvoil SDM100
7	**Main rams and valves present on fassi cranes**	
	7.1	Crane Boom extensions rams (Assembly And Disassembly)
	7.2	Stabilizer Jacks (Assembly And Disassembly)
	7.3	Boom extensions rams Glyd (Assembly and disassembly)
	7.4	Boom extensions Rams Phd (Assembly and disassembly)
	7.5	Valves

BASIC

DISTRIBUTORS AND VALVES		
1	**HYDRAULIC**	
	1.1	Danfoss
	1.2	Danfoss: trobleshooting
	2.1	Hydrocontrol HCD4 HCD3
	3.1	Walvoil
	4.1	Valves
	4.2	Integrate group
	5.1	Troubleshooting hydraulic fault
	6.1	Reading and applying of the valve adjustment sheet

FASSILIM E FASSITECH		
1	**FASSILIM D6**	
	1.1	Reading and interpretation use and general setting
	1.2	Reading and interpretation firmware update (video)
	1.3	Reading and interpretation fassilim download
	1.4	Reading and interpretation crane setting
	1.5	Reading and editing parameters
	1.6	Reading and interpretation Black Box
	1.7	Reading and interpretation Black Box (video)
	1.8	Reading and interpretation Statistic
	1.9	Reading and interpretation Statistic (video)
	1.10	Reading and interpretation firmware update
	1.11	Reading and interpretation reset firmeware (video)
2	**FASSITECH**	
	2.1	FASSITECH - Technical
	2.2	FASSITECH - Commercial
	2.3	FASSITECH - Applications
3	**FASSILIM D1**	
	3.1	General usage and settings, devices, blackbox etc.

FX200/FX500/FX900		
0	**FX010S**	
	1.1	LLV
1	**FX200**	
	1.1	Generalities and operation
	1.2	Hydraulic and electrical components
	1.3	Winch
	1.4	Electrical connections to the vehicle
	1.5	Wiring diagrams
	1.6	Diagnostics
	1.7	Black box
	1.8	Password
	1.9	Parameters list
	1.10	Fassilim1
2	**FX500**	
	2.1	Generalities and operation
	2.2	Hydraulic and electrical components
	2.3	Winch
	2.4	Electrical connections to the vehicle
	2.5	Wiring diagrams
	2.6	Diagnostics
	2.7	Black box
	2.8	Password
	2.9	Parameters list
	2.10	Fassilim6
3	**FX900**	
	3.1	Generalities and operation
	3.2	Electrical Components
	3.3	Radio controls RCH, RCS, V7
	3.4	Menus (calibrations)
	3.5	Wiring diagrams
	3.6	Checking
	3.7	IOC
	3.8	AWC
	3.9	ACF
	3.10	PSC
	3.11	Rotation speed configuration
	3.12	ACM
	3.13	FX-Link
	3.14	Black box
	3.15	Password
	3.16	Parameters list
	3.17	FSC/S calibration

FX500/FX900 OPTIONS		
1	**FSC L:M:H:P:S:SII**	
	1.1	FSC Introduction
2	**FSC SETTING PROCEDURE**	
	2.1	FSC Setting procedure L:M:H
	2.2	FSC Setting procedure L0
	2.3	FSC setting procedure S:SII
3	**AWC**	
	3.1	AWC
	3.2	AWC: Video
4	**CCD**	
	4.1	CCD
	4.2	CCD: Video
5	**ACF**	
	5.1	ACF
	5.2	ACF: Video
6	**ACM**	
	6.1	ACM
7	**DBF**	
	7.1	DBF
	7.2	DBF: Video
8	**IOC**	
	8.1	IOC
9	**RADIO V7 (HBC)**	
	9.1	V7-RC916LH
	9.2	V7-RC926J3
	9.3	V7-RC928J3H
	9.4	V7-RC928LH
10	**RADIO V7 (SCANRECO)**	
	10.1	V7-RC906J3S
	10.2	V7-RC906LS
	10.3	V7-RC916J2S
	10.4	V7-RC916J3S
	10.5	V7-RC916LS
	10.6	V7-RC918JS
	10.7	RC918LS
11	**HST**	
	11.1	HST
12	**JDP**	
	12.1	JDP

FX990		
1	**FX990 FAMILIARISATION**	
	1.1	FX990 Familisation
2	**INTRODUCTION**	
	2.1	Introduction
	2.2	FX990 Familisation (video)
3	**FUNCTIONALITIES AND ENHANCEMENTS**	
	3.1	Software and Functionality
	3.2	FSC
	3.3	Dynamics speed management
	3.4	JDP
	3.5	Manual extensions
	3.6	Electrically outriggers command
4	**TECHNICAL MANUAL**	
	4.1	New FX990 control system
	4.2	Electrical system
	4.3	Radio control
	4.4	FX991
	4.5	Lifting moment limiting device
	4.6	XP-extra power
	4.7	Over lifting protection-OLP
	4.8	FSC stability control
	4.9	Working area
	4.10	Alarms/Warning
	4.11	Fassilim D9: Authentication
	4.12	Fassilim D9: Home page
	4.13	Fassilim D9: General configuration
	4.14	Fassilim D9: I/O configuration
	4.15	Fassilim D9: Functional configuration
	4.16	Fassilim D9: Radio control
	4.17	Fassilim D9: PVED
	4.18	Fassilim D9: FX994 configuration
	4.19	Fassilim D9: Sensors
	4.20	Fassilim D9: Dynamics configuration
	4.21	Fassilim D9: Speed
	4.22	Fassilim D9: Service and Statistics
	4.23	Fassilim D9: Black box
	4.24	Wiring diagrams
5	**TECHNO PSC - POST EN12999:2020**	
	4.24	TECHNO PSC

INTERMEDIATE

ADVANCED		
1	**PSC**	
	1.1	PSC "Platform Stability Control"
2	**DCS-RVR**	
	2.1	Funzione declassamento DCS
	2.2	Funzione di duplice installazione
3	**AUTO DV**	
	3.1	Automatic switch
4	**STAB_FRONT_REAR**	
	4.1	Stabilizzatori aggiuntivi anteriore e posteriore
5	**SETUP AREE DI LAVORO**	
	5.1	Aree di lavoro
	5.2	Abilitazione Aree di lavoro

ADVANCED