FIELDS OF EXPERTISE APPLICATION EXAMPLES

October 2018

TECNORD

FIELDS OF EXPERTISE APPLICATION EXAMPLES

















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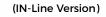
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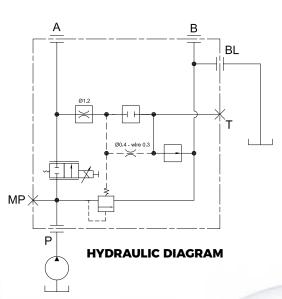
VALV-O-MATIC SINGLE-FUNCTION CONTROL VALVE

IN-LINE 3 WAY, PRESSURE COMPENSATED PROPORTIONAL FLOW CONTROL VALVE



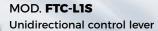
3 way, pressure compensated proportional flow control valve



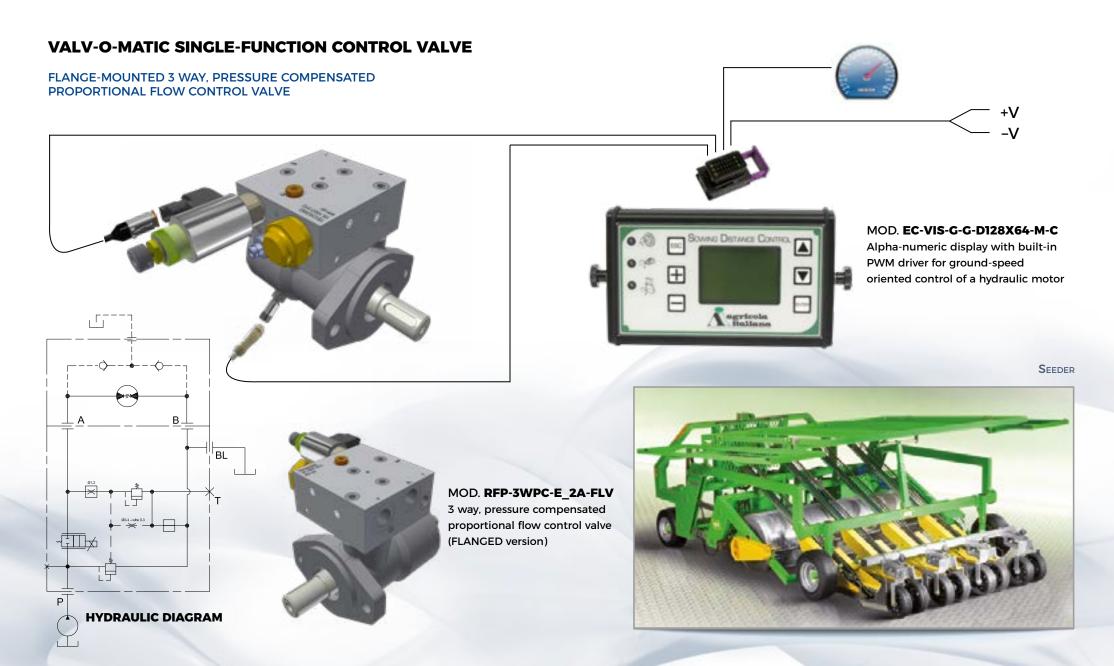








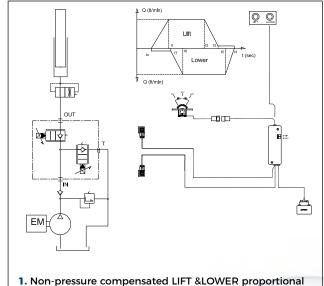




VALV-O-MATIC SINGLE-FUNCTION CONTROL VALVE

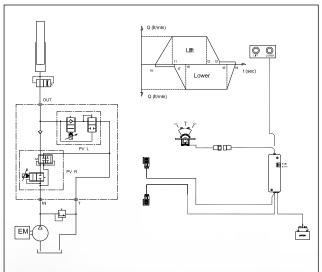
FLANGE-MOUNTED 2 WAY OR 3 WAY LIFT & LOWER ELECTRO-HYDRAULIC PROPORTIONAL CONTROL FOR STACKERS





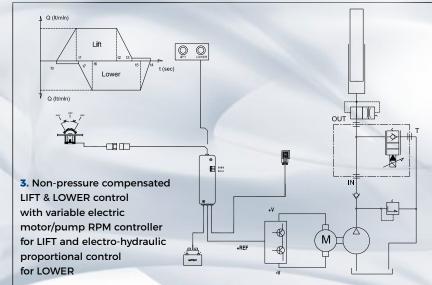
 Non-pressure compensated LIFT &LOWER proportional control with fixed displacement pump at constant RPM

HYDRAULIC DIAGRAM

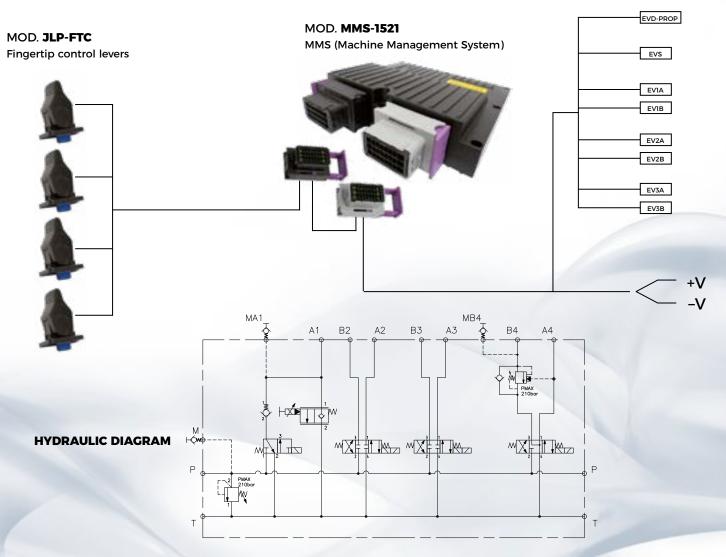


2. Pressure compensated LIFT &LOWER proportional control with fixed displacement pump at constant RPM





COMBINED ON-OFF (FUNCTION SELECTION & DIRECTIONAL CONTROL) WITH PROPORTIONAL 2 WAY/METER-OUT CONTROL OF A SINGLE EFFECT MAST CYLINDER



MOD. VOM-4F-32-FRS2G Electro-hydraulic control manifold

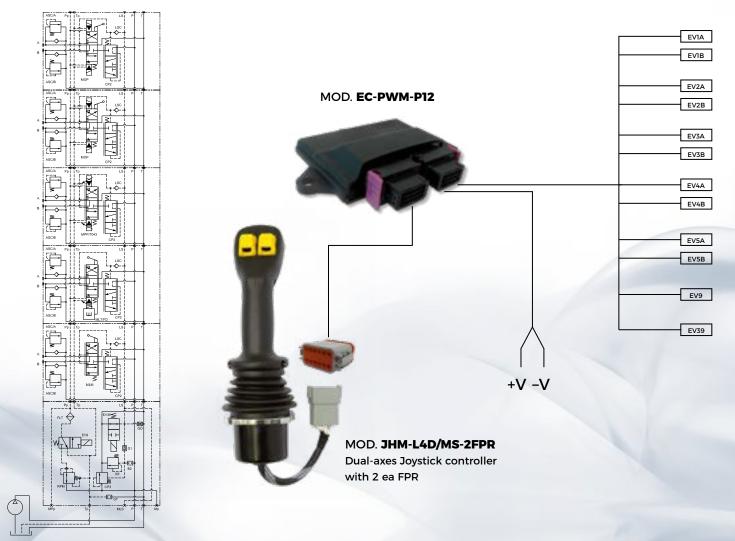


ELECTRIC FORK LIFT TRUCK



TDV100 ELECTRO-HYDRAULIC VALVE, OPEN LOOP PROPORTIONAL CONTROL WITH HEAVY DUTY MANUAL LEVERS

TDV100-LMPP-4F-DIRECTIONAL CONTROL SECTION WITH OPEN LOOP BY MEANS OF PROPORTIONAL PRESSURE REDUCING VALVE. THE TDV100 IS OPERATED BY DUAL AXIS JOYSTICKS WITH TWO PROPORTIONAL ROLLERS, MULTI-CHANNELL PWM DRIVER AND HARNESS





Directional control section with open-loop by means of proportional pressure reducing valve (IP-DAR 43)

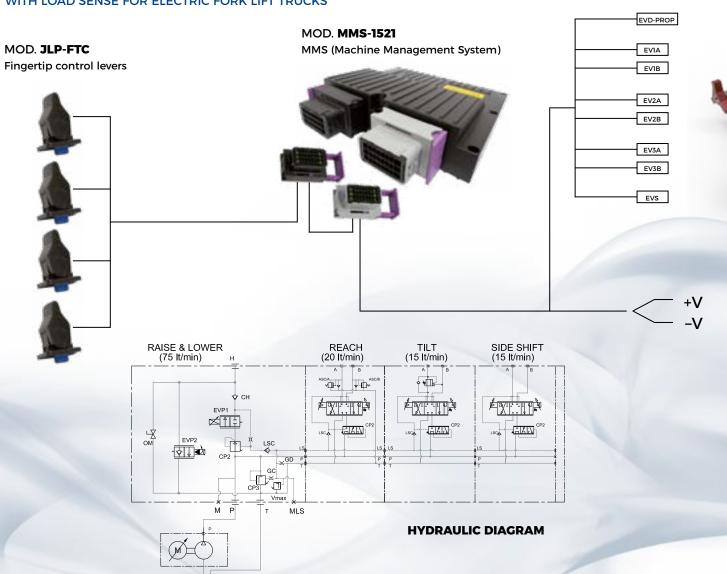
ROUGH TERRAIN FORK LIFT



HYDRAULIC DIAGRAM

TECNORD DIRECTIONAL VALVE WITH DIRECT ACTING PROPORTIONAL **CONTROL SOLENOIDS**

MEDIUM-FLOW/MULTI-FUNCTION DIRECTIONAL-PROPORTIONAL CONTROL SYSTEM WITH LOAD SENSE FOR ELECTRIC FORK LIFT TRUCKS

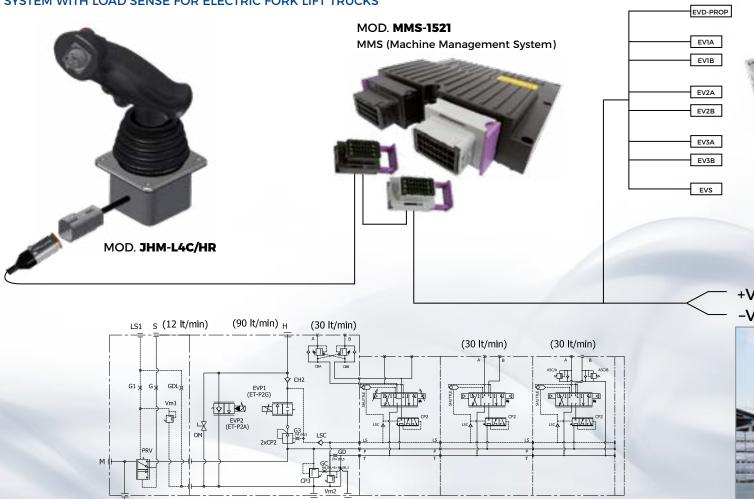


MOD. VOM-3F Special MEDIUM FLOW inlet section for single effect LIFT & LOWER control



TECNORD DIRECTIONAL VALVE WITH DIRECT ACTING PROPORTIONAL **CONTROL SOLENOIDS**

MEDIUM-FLOW/MULTI-FUNCTION DIRECTIONAL-PROPORTIONAL CONTROL SYSTEM WITH LOAD SENSE FOR ELECTRIC FORK LIFT TRUCKS



HYDRAULIC DIAGRAM

MOD. VOM-3F+1

Special HIGH FLOW inlet section for single effect LIFT & LOWER control



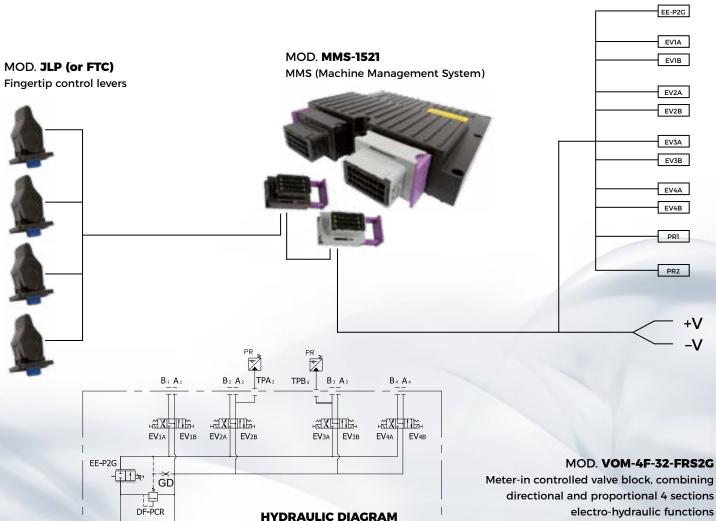
DIESEL FORK-LIFT TRUCK



Priority Valve

TRUCK-MOUNTED AERIAL PLATFORM

ELECTRO-HYDRAULIC MANIFOLD WITH 4 ON-OFF BIDIRECTIONAL SELECTOR VALVES

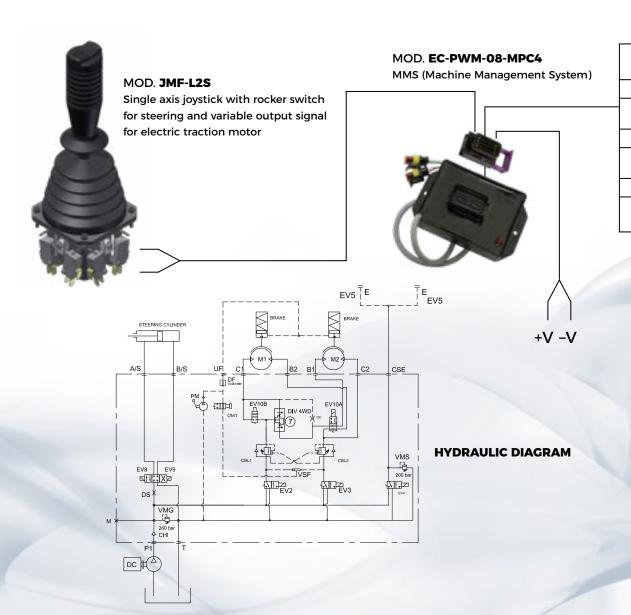




directional and proportional 4 sections electro-hydraulic functions

VMax1 180bar

ELECTRO-HYDRAULIC/MULTI-FUNCTION ON-OFF CONTROL FOR SCISSOR LIFT APPLICATION



MOD. VOM-3F-TRACT

TL

EV8

EV9

EV2 EV3

EV10A EV10B

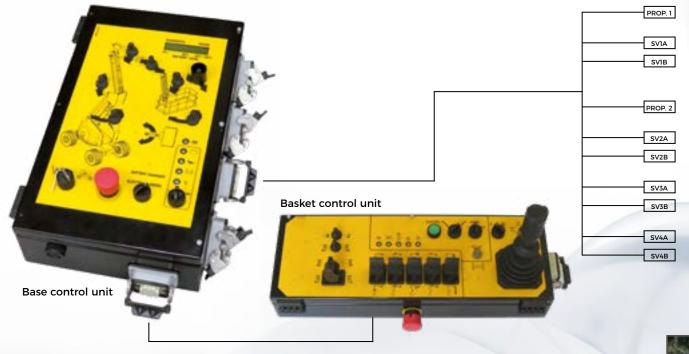
EV4



Scissor Lift



ELECTRO-HYDRAULIC 4-FUNCTIONS SYSTEM WITH DUAL PATTERN/METER-IN PROPORTIONAL CONTROL AND ON-OFF SELECTION OF BIDIRECTIONAL FUNCTIONS





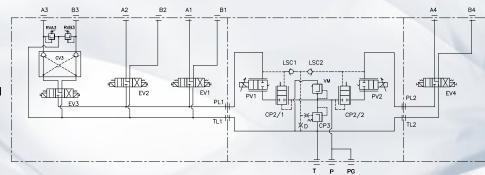
MOD. VOM 4F DUAL PROPORTIONAL

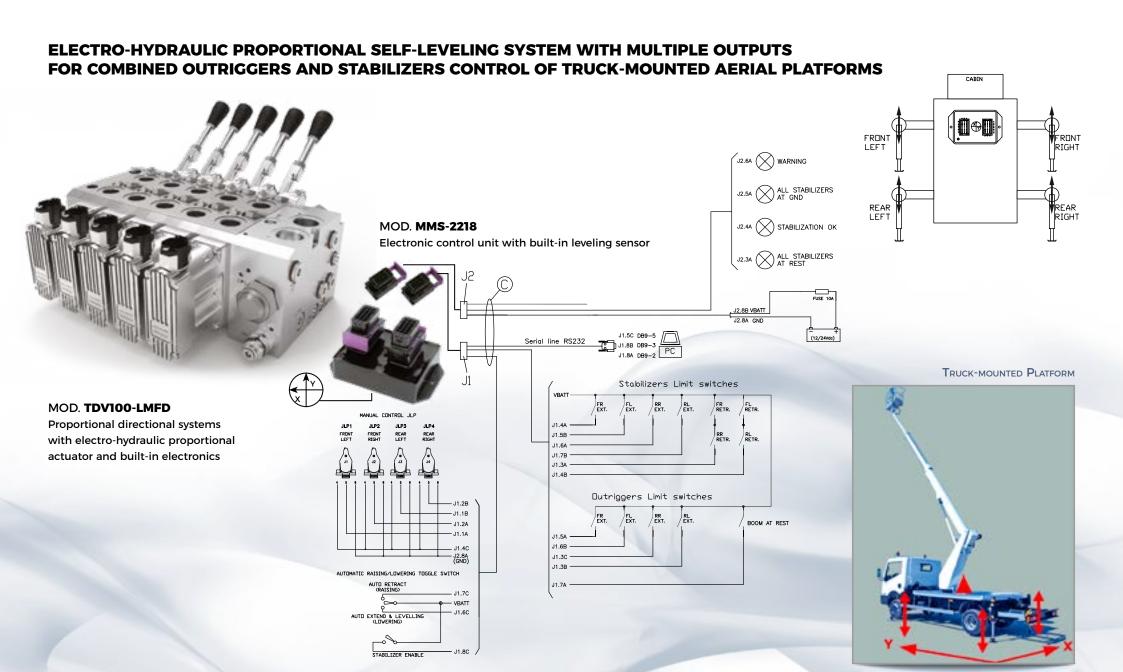
4-functions manifold block with solenoid-operated ON-OFF cartridge valves and DUAL PATTERN pressure compensated, 3 way proportional control valves system

SELF PROPELLED AERIAL PLATFORM

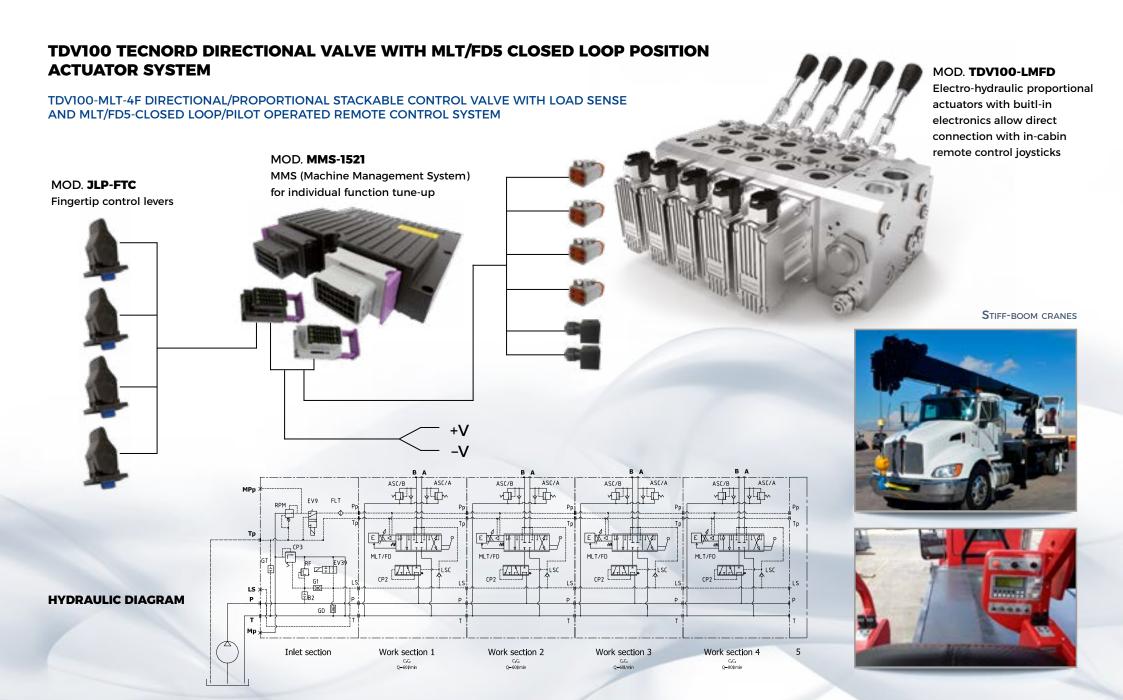


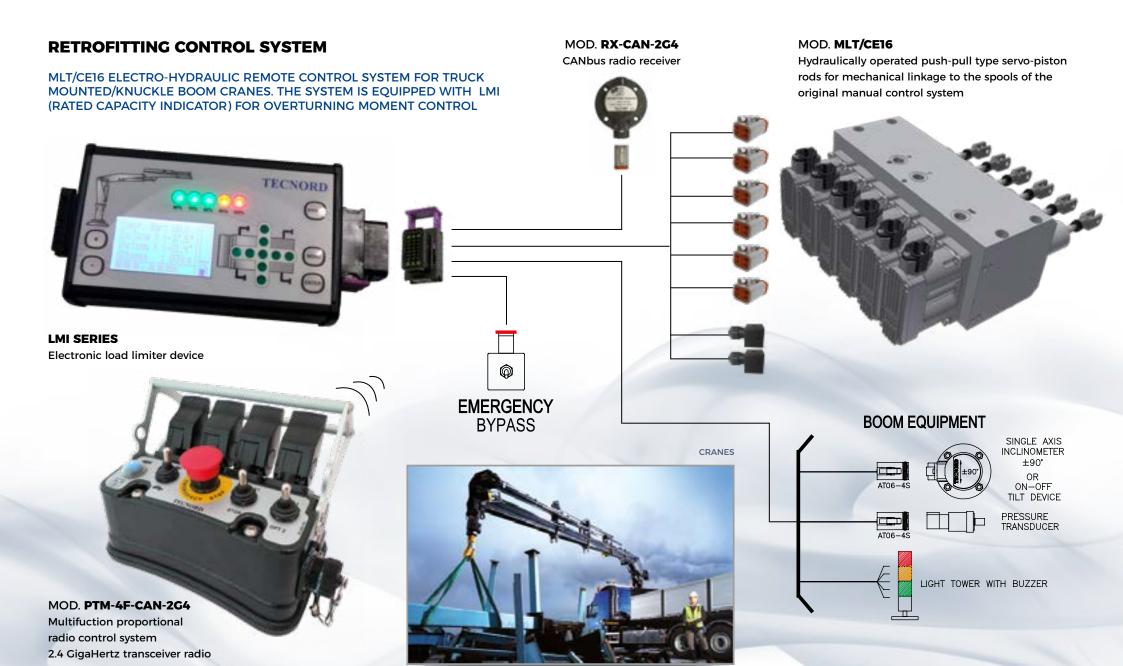
HYDRAULIC DIAGRAM



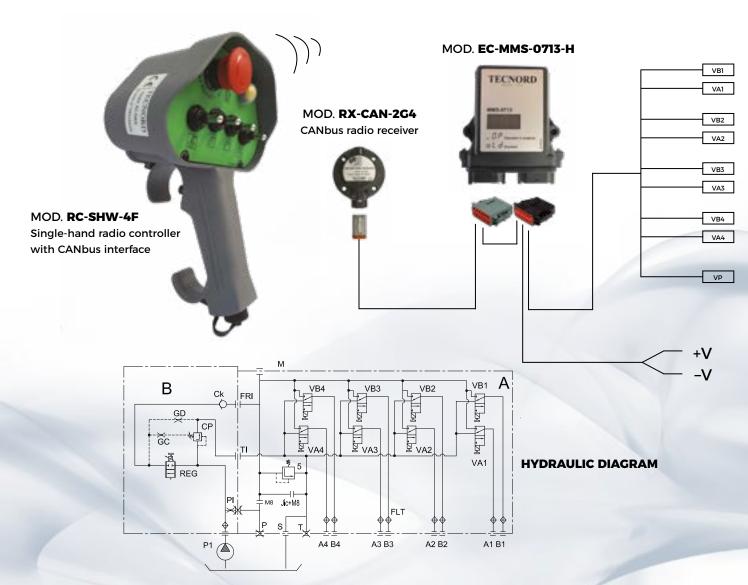








COMBINED ON-OFF (FUNCTION SELECTION & DIRECTIONAL CONTROL) WITH PROPORTIONAL 3 WAY/METER-IN CONTROL OF PUMP FLOW AND 4 ON/OFF FUNCTIONS METER-IN SHW TRANSMITTER



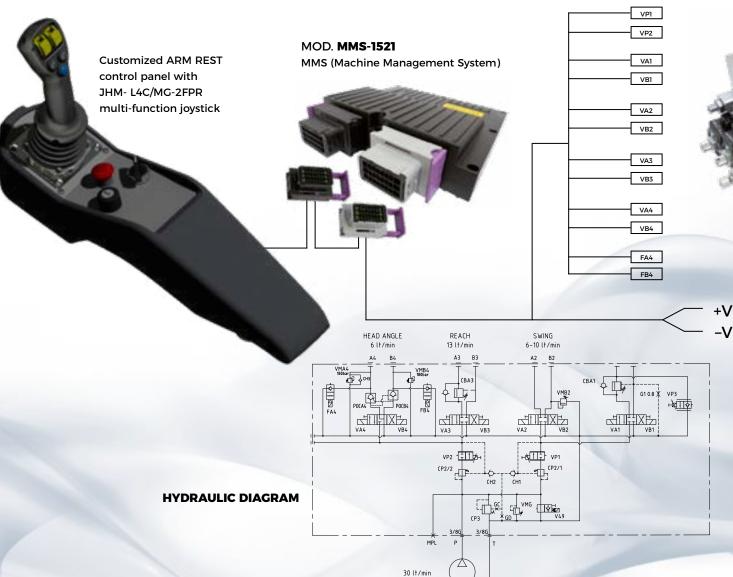
MOD. VOM-AF-32

Electro-hydraulic manifold block with 4 ea ON-OFF bidirectional selector valves and 3 way, pressure compensated flow regulator for meter-in control of pump flow



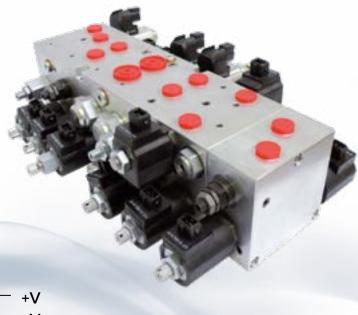


COMPLETE ELECTRO-HYDRAULIC CONTROL SYSTEM FOR MOWER/EDGE CUTTER MACHINES



MOD. VOM-AF-DUAL-PROPORTIONAL

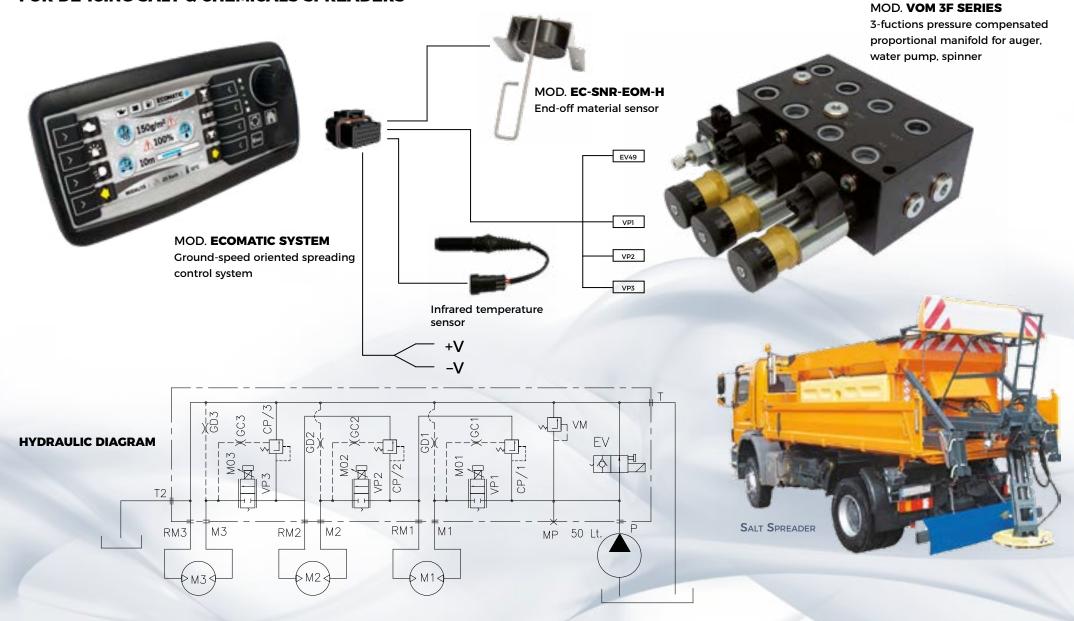
4-functions manifold block with solenoid-operated ON-OFF cartridge valves and DUAL PATTERN pressure compensated, 3 way proportional control valve system



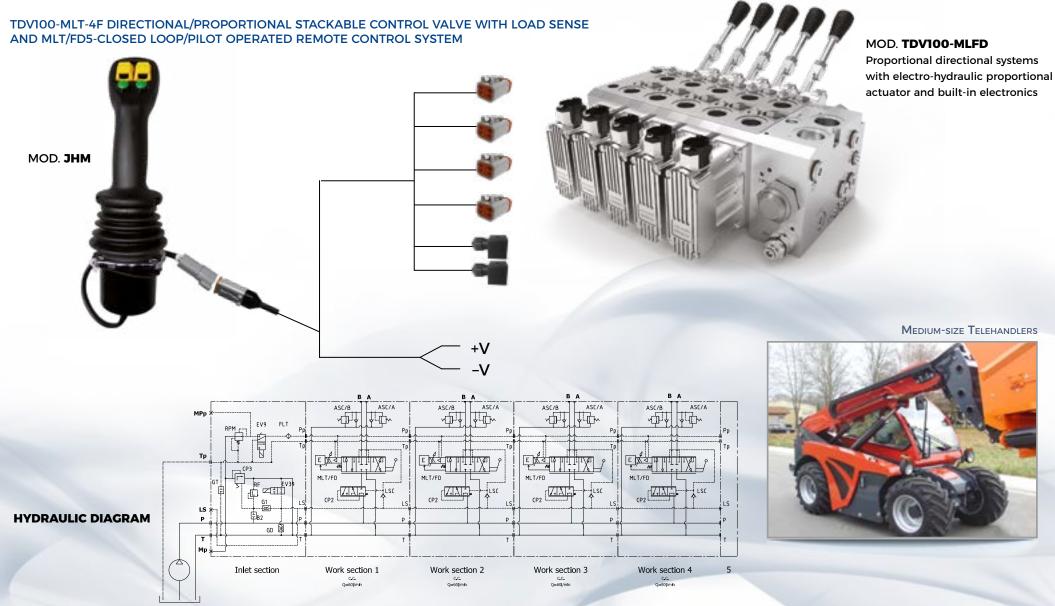
EDGE CUTTERS

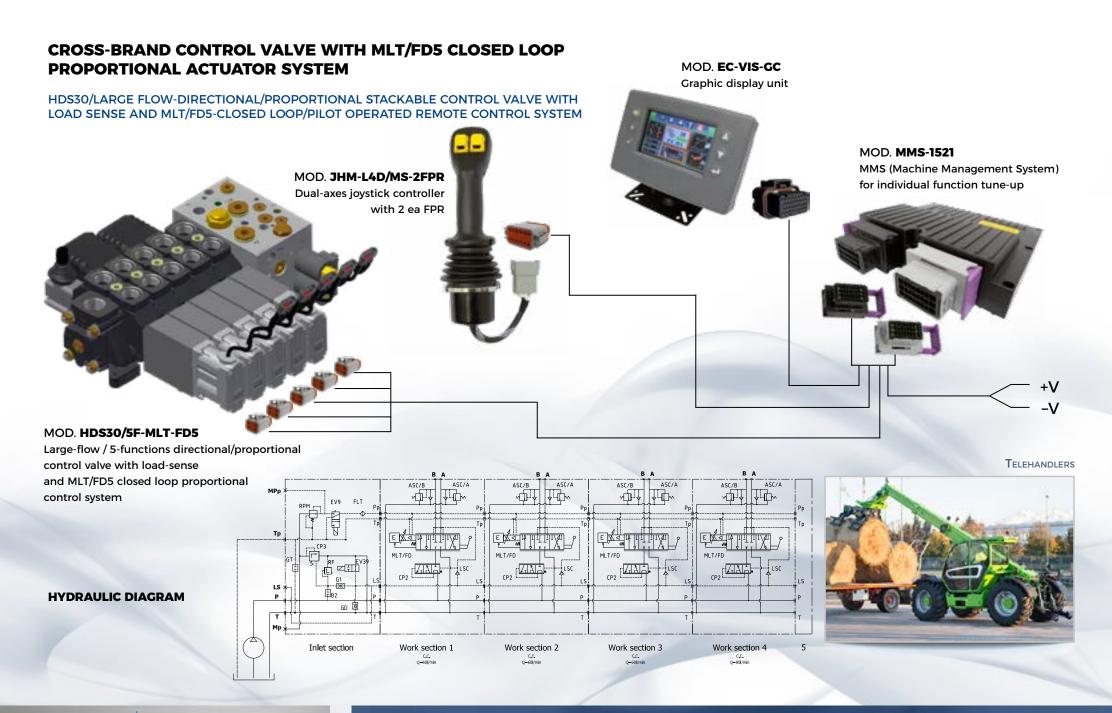


ECOMATIC SYSTEM - GROUND-SPEED ORIENTED/CLOSED LOOP CONTROL SYSTEM FOR DE-ICING SALT & CHEMICALS SPREADERS



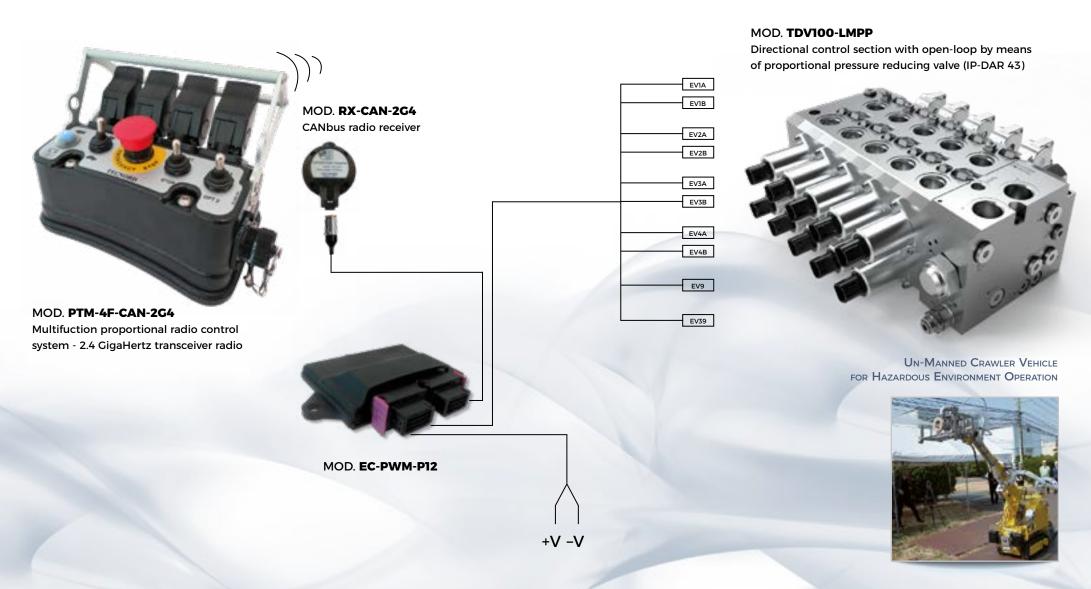
TDV100 TECNORD DIRECTIONAL VALVE WITH MLT/FD5 CLOSED LOOP POSITION ACTUATOR SYSTEM





TDV100 TECNORD DIRECTIONAL VALVE WITH MPP OPEN LOOP POSITION ACTUATOR SYSTEM

TDV100-MPP-4F-DIRECTIONAL/PROPORTIONAL STACKABLE CONTROL VALVE WITH LOAD SENSE MULTI-FUNCTION RADIO CONTROL SYSTEM 2.4 GHZ WITH CAN



FIELDS OF EXPERTISE APPLICATION EXAMPLES







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