

SERVOCONTROLS & HYDRAULICS INDIA PVT. LTD.

An ISO -9001-2015 certified company & AS 9100-Rev C company
Website : www.servocontrolsindia.com



HDD (Horizontal Driller)
Customer : Apollo



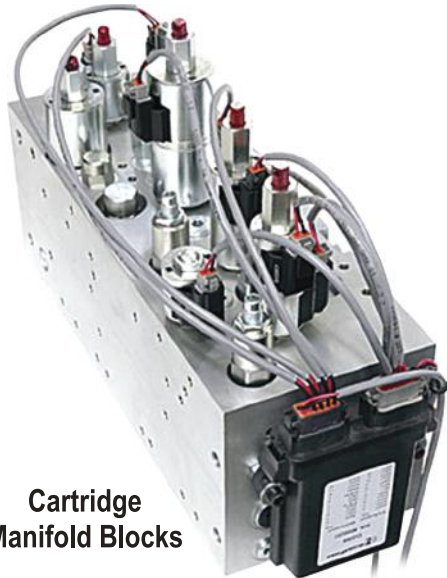
Fork Lift
Customer : Godrej



Dozer
Customer : BEML



Road Compactor
Customer : Dynapac, CNH and L&T



Cartridge Manifold Blocks



Dumper
Customer : BEML



Concrete Pumps
Customer : Putzmeister



Excavator
Customer : Major OEM's



Reach Stacker
Customer : Cargotec



CAN J1939 Electronic Vehicle Controls with plus one Software (BEML, Apollo, Fine Spavy)



Harvester
Customer : Major OEM's



Garbage - Compactor
Customer : Aryan Pumps, Sadhana



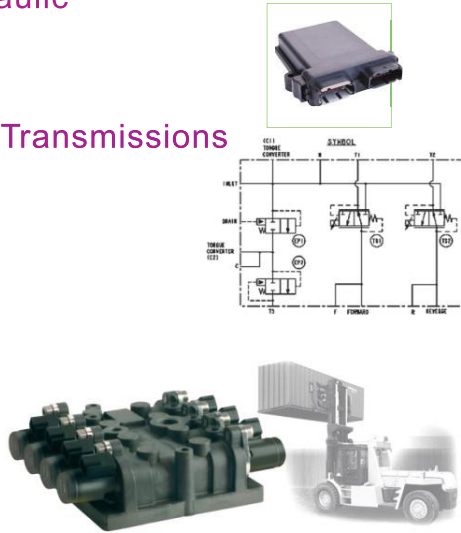
Rock Drilling Machine
Customer : Nakoda, APL, Dozco

Cartridge manifold blocks for Mining, Material Handling, Machine Controls, Auto transmission system, engine control units & traction controllers

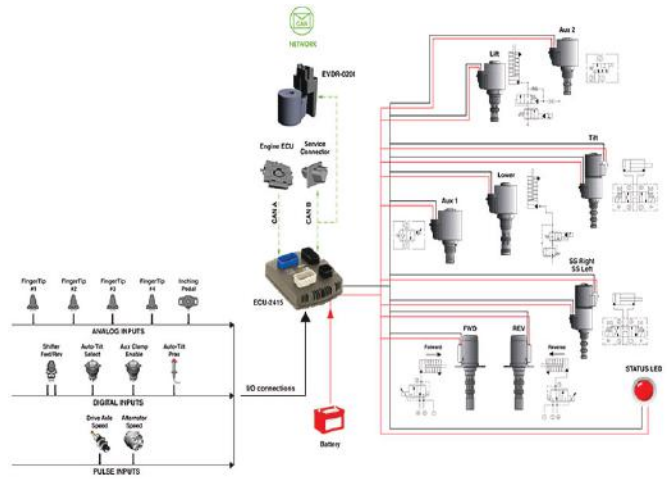
We serve all major OEM's in construction equipments, Mining, Material Handling, Agricultural Machinery, Earth moving equipments & Municipal vehicles with dedicated team of development, sales & service professionals
We provide turnkey solution : Hydraulics, Electronics, Electro-mechanical & Sensors solutions

Electro-Hydraulic Control Systems for Hydraulic Transmissions

- FULL FLOW TECHNOLOGY
- APPLICATION PROVEN
- FULL ELECTRO-HYDRAULIC CONTROL SYSTEM
- PRECISE CLUTCH ENGAGEMENT
- PROGRAMMABLE PRESSURE CONTROL
- SMOOTH TRANSITION
- CUSTOMISED FILL AND RAMPING RATES
- EFFICIENT AND ECONOMICAL
- IP69K ENVIRONMENTAL PROTECTION



Fully integrated electrohydraulic control system for Telehandlers



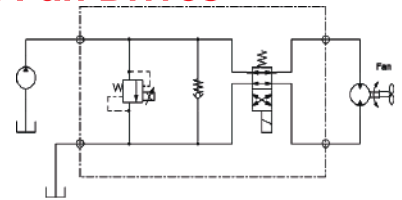
Steering & Pilot Control System

- PRIORITY STEERING
- ACCUMULATOR CHARGING
- PILOT SELECTION



Variable Speed Fan Drives Fan Control

Fan drives controlled by hydraulic cartridge valves are quieter and run on less horsepower than mechanical fan drives, providing greater fuel economy for combines.



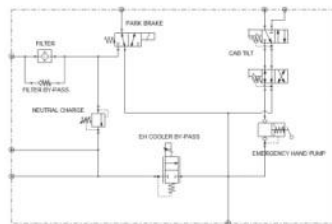
- Flow rates up to 190 lpm (50 gpm)
- Fail safe high or low
- Preconfigured controls available • Reduce horsepower consumption by up to 30%



Hydrostatic Transmission Control

- Multi Function Assembly

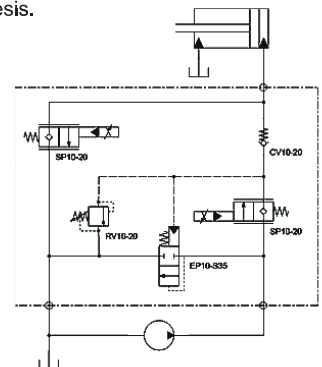
- PROPORTIONAL COOLER BY-PASS TO OPTIMISE SYSTEM TEMPERATURE
- EMERGENCY HAND PUMP AND CAB TILT
- NEUTRAL CHARGE RELIEF CONTROL
- ELECTRIC PARK BRAKE CONTROL
- INTEGRATED FILTER HEAD IN MANIFOLD WITH BY-PASS
- SENSORS, FILTER AND FITTINGS ASSEMBLED AND TESTED.



Hitch Control Front and Rear Hitch Control Circuit

As tractor power and sophistication increases, so do the flow rates. HydraForce SPCL16-30 valves gives precise control up to 150 lpm (40 gpm) while holding the loads with extremely low leakage. HydraForce RV10-28 and RVD50-20 relief valves limit the shock pressure peaks whilst having very low leakage and hysteresis.

- Gives precise control up to 150 lpm (40 gpm)
- Limit shock pressure peaks
- Low leakage and hysteresis



Custom Built Electronics & Software Solutions

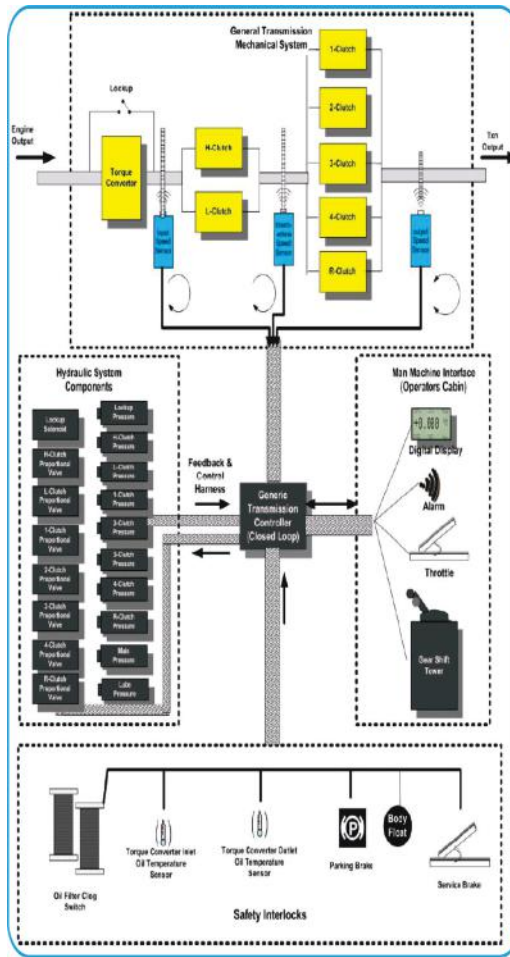
(only Indian Company to build the software solutions using Plus+1 software, CODESYS software)



Electronic Controllers

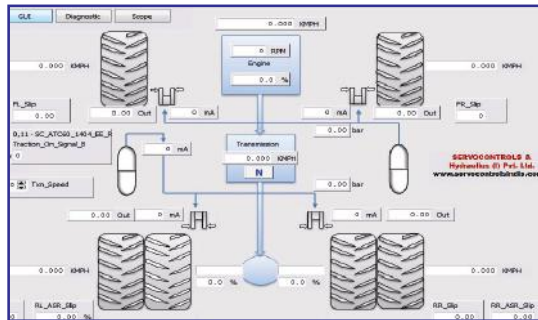
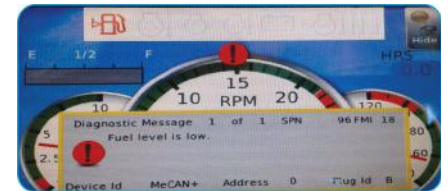


Customised Wire Harness

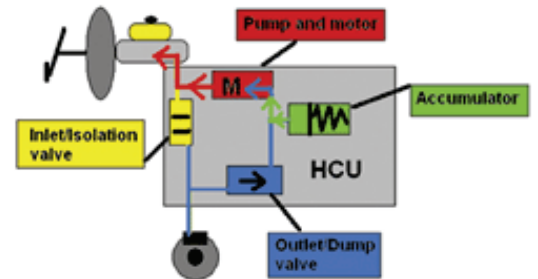


Applications built for :

- 1) Auto Transmission Control System for Off-Highway Dump Trucks.
- 2) Auto Transmission Control System for Off-Highway Dozers.
- 3) Electro-Hydraulics Steering Control System.
- 4) Traction Control System for Off-Highway Dump Truck.
- 5) ABS Control System for OFF-Highway Dump Truck.
- 6) Remote controlled Rock Drill Application.
- 7) Remote Controlled Steel Slag Removal Machine.
- 8) Remote Controlled Water Well Drill Machine Control.
- 9) Remote Controlled Rod Loader for Water Well Drill Machine.



Traction control : Graphical user Interface



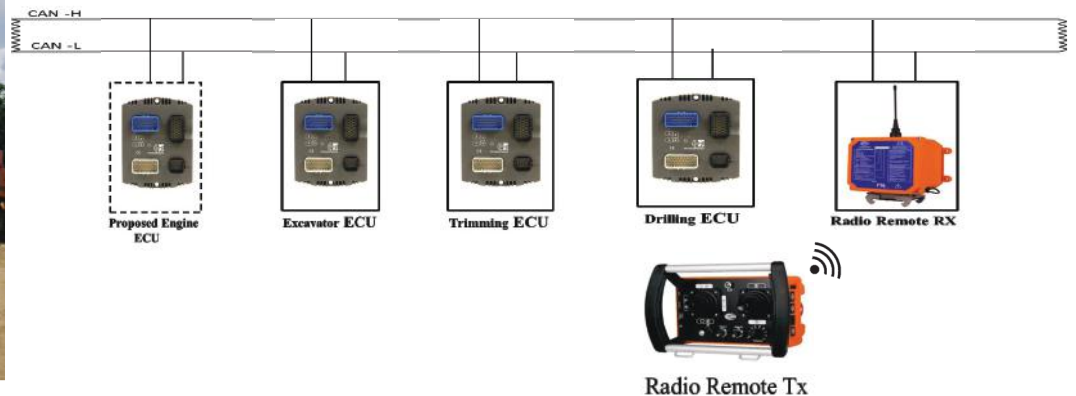
ABS System

Remote Controlled Electronic Systems



Testing done at site - Tiruchengode, Tamil Nadu

System Configuration



Radio Remote Tx

Sensors & Alliance Partners from last 17 years

HYDRAFORCE

POWER FORWARD

Visit our website www.hydraforce.com



Solenoid Valves



Electro-Proportional Valves



Directional Valves



Pressure Control Valves



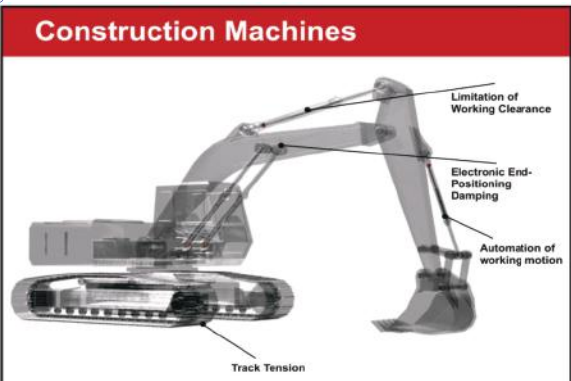
Flow Control Valves



Cartridge Manifold blocks

Mobile Hydraulic : MTS Temposonics Germany make sensors

1. MTS Sensors
Tradition, Experience, Innovation. Pioneer of magnetostrictive Linear Measurement and Technology Leader
2. Mobile Hydraulic Machines Market Requirements
 - ◆ Increase the Machine's Productivity
 - ◆ Reduce fuel consumption and Emission
 - ◆ Reduce the costs on Design & System Solution
 - ◆ Safety for Operator and Environment
 - ◆ Comfort for Machine Operator



Servocontrols first servo valve test setup at home garage in July 2002 at Belgaum Karnataka



SERVOCONS AT SERVOFEST-2K19
(300+ employees)



SERVOCONTROLS facility
Industrial Estate, Udyambag, Belgaum



SERVOCONTROLS 100% EOU Unit in 12 acres of land,
Opp. Aequs SEZ, Hattargi, Belgaum, Karnataka.



NACOL
ACCUMULATOR CO. LTD.



DESCHNER CORPORATION
Shock Absorber

Cat. Part No. : SC 1050113

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