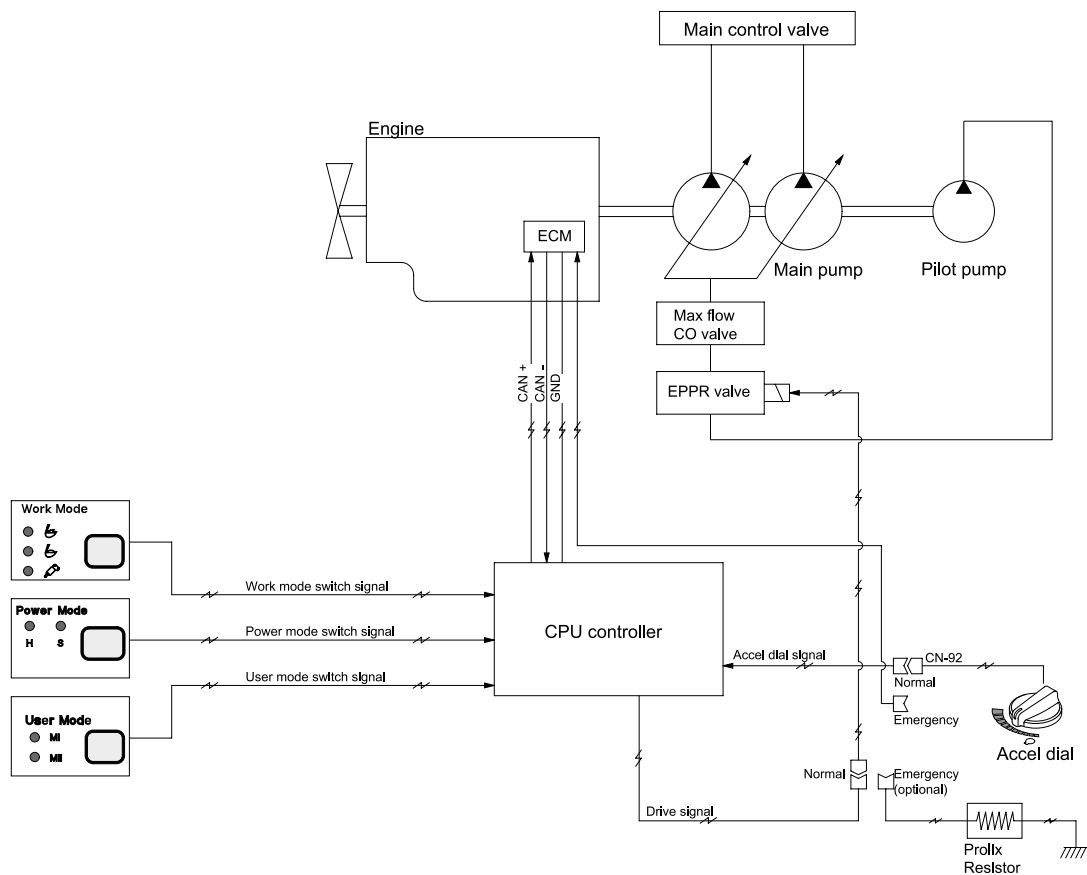


## GROUP 15 MODE SELECTION SYSTEM (TIER II ONLY)

### 1. POWER MODE SELECTION SYSTEM



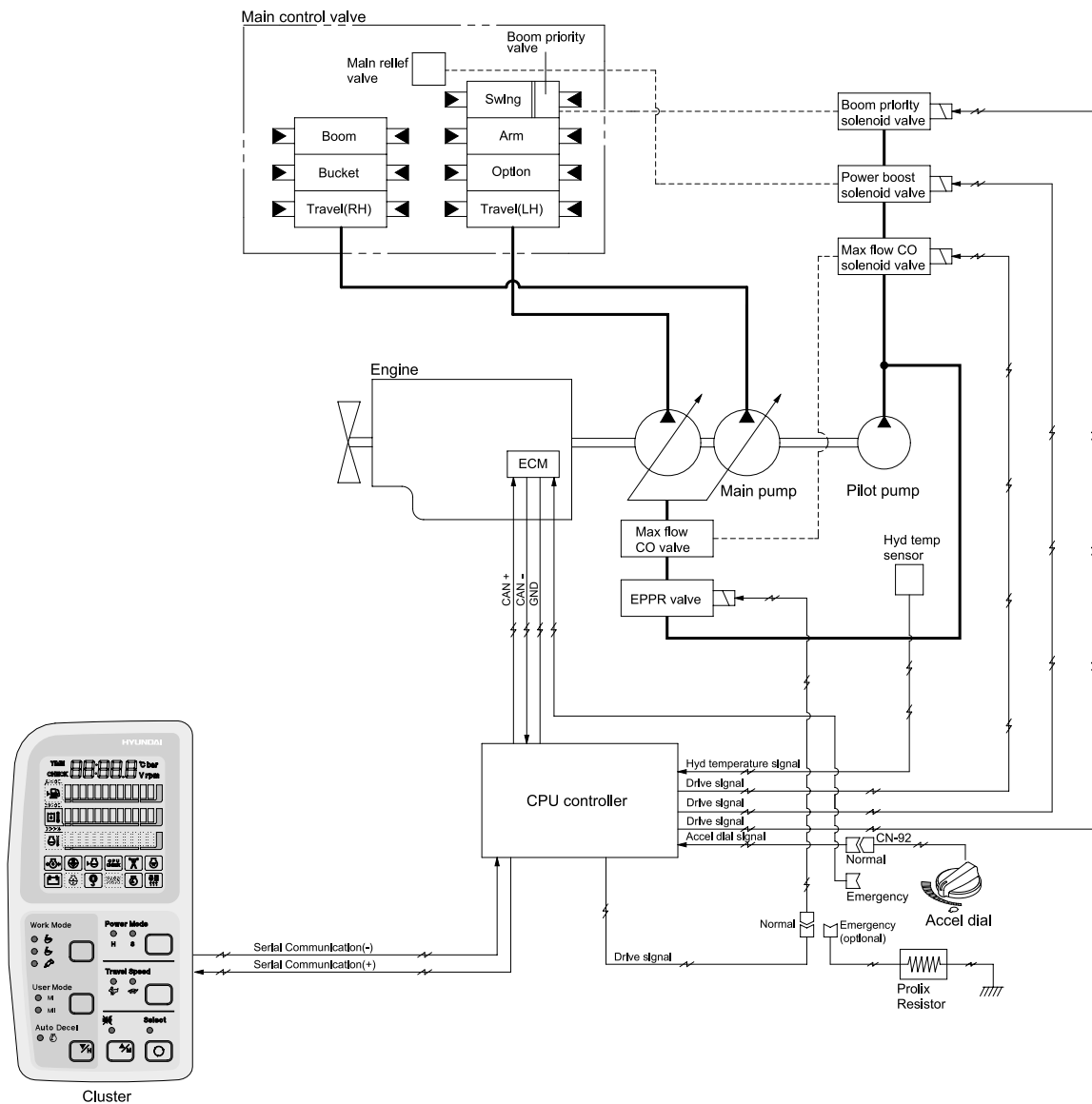
Mode selection system(Micro computer based electro-hydraulic pump and engine mutual control system) optimizes the engine and pump performance.

The combination of 2 power modes(H, S) and accel dial position(10 set) makes it possible to use the engine and pump power more effectively corresponding to the work conditions from a heavy and great power requesting work to a light and precise work.

Mode	Application	Power set (%)	Engine rpm		Power shift by EPPR valve			
			Unload	Load	Default		Other case	
					Current (mA)	Pressure (kgf/cm <sup>2</sup> )	Current (mA)	Pressure (kgf/cm <sup>2</sup> )
H	High power	100	1950 ± 50	1900	140 ± 30	0	210	3
S	Standard power	85	1850 ± 50	1800	225 ± 30	4	270	7
AUTO DECEL	Engine deceleration	-	1200 ± 100	-	670 ± 30	38	670 ± 30	38
One touch decel	Engine quick deceleration	-	950 ± 100	-	670 ± 30	38	670 ± 30	38
KEY START	Key switch start position	-	950 ± 100	-	670 ± 30	38	670 ± 30	38

## 2. WORK MODE SELECTION SYSTEM (TIER II)

3 work modes can be selected for the optional work speed of the machine operation.



### 1) HEAVY DUTY WORK MODE

The boom priority solenoid is activated to make the boom operation speed faster.

### 2) GENERAL WORK MODE

When key switch is turned ON, this mode is selected and swing operation speed is faster than heavy duty work mode.

### 3) BREAKER OPERATION MODE

It sets the pump flow to the optimal operation of breaker by activating the max flow cut-off solenoid.

Work mode	Boom priority solenoid	Max flow cut-off solenoid
Heavy duty	ON	OFF
General	OFF	OFF
Breaker	OFF	ON