



## FIRE FIGHTING SKID MOUNTING SYSTEM





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### MATERIAL IN SKID

This skid is made from following equipments ,

- 1 main fire pump as per capacity and pressure given by customer or consultant
- 2 main fire pump with diesel or petrol engine ....
3. Jockey pump
4. pressure switch and control panel
- 5... suction header with butter fly valves and flexible bellows
- 6, delivery header with NRV , butter fly valves and flexible bellows , pressure switch , pressure tank  
( as and when required )
- 7 , battery and it's cable
- 8, cables between motor and control panel .....

### WORKING PRINCIPLE

customer has to connect suction line with foot valve ( we provide if required by customer )  
or direct connection in case of positive suction ..

customer has to connect delivery header to their fire fighting pipes .

now when pressure drop below 7 bar , jockey pump will start and  
maintain pressure in system , in case of fire if customer open any 1 inch valve of system ,  
jockey pump start and supply water with desired pressure ,

if customer open more valve or big valve ,

immediately main motor driven pump start and throw water with pressure ,

however in case of fire some time power failure occurs,

so in such case diesel engine pump will start automatically .

so customer get constant flow of water to stop fire incident ...

This is completely automatic system and customer has to do nothing ,