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FORKLIFT OVERLOAD PROTECTION SYSTEM

(F.L.O.P.S.)

AT ACE FORKLIFT SCALES WE UNDERSTAND THAT SAFETY IS THE NO. 1 PRIORITY WHEN OPERATING A FORKLIFT. SO WE HAVE DEVELOPED (F.L.O.P.S.) TO INSURE THE SAFETY AND WELL BEING FOR DRIVERS, BYSTANDERS AND MACHINERY.

(F.L.O.P.S.) INCORPORATES INTO THE SEAT CUTOUT SYSTEM. SO JUST AS THE SEAT CUTOUT DISABLES THE FORKLIFT, (F.L.O.P.S.) DOES THE SAME. BUT ONLY CUTS OUT THE LIFT RAM NOT THE WHOLE OPERATING SYSTEM. IN THIS WAY ONCE FULL CAPACITY IS REACHED THE LIFT IS LOCKED OUT AND THE OPERATOR IS FORCED TO LOWER THE FORKS TO THE GROUND AND REMOVE THE EXCESS WEIGHT.



WE FEEL THAT HAVING (F.L.O.P.S.) ON A FORKLIFT FORCES THE OPERATOR TO USE IT TO IT'S CORRECT RATING AND NOT EXCEED THE WORKING LIMITS OF THE MACHINE. FORKLIFT COMPANIES WOULD ALSO UNDERSTAND THE BENEFIT OF OUR SYSTEM, ESPECIALLY FOR THEIR HIRE FLEET. COSTLY REPAIRS TO THEIR FLEET FROM OPERATORS OVERLOADING THE CAPACITY OF THE MACHINE UNTIL THE BACK WHEELS COME OFF THE GROUND AND WORSE TOPPLE OVER. THIS FORCES THE OPERATORS AND OWNERS TO USE THE RIGHT MACHINE FOR THE JOB AND NOT PUT ANYONE AT RISK OR DAMAGE MACHINERY.



WE ALSO HAVE HEIGHT OVERLOAD PROTECTION AS WELL. THE HIGHER THE MAST GOES THE CAPACITY OF THE FORKLIFT DECREASES. SO WE HAVE TWO LIMIT SWITCHES THAT CAN BE MOUNTED AT ANY HEIGHT AND PROGRAMMED TO ANY WEIGHT. THIS INCORPORATES INTO (F.L.O.P.S.) THE SAME WAY.

IF THE FORKLIFT IS AN OLDER MACHINE AND DOES NOT HAVE THE SEAT CUTOUT, WE ALSO HAVE AN AUDIO SYSTEM THAT CAN BE PUT IN PLACE. HOW THIS WORKS IS WHEN THE FORKLIFT GETS OVERLOADED, IN THE SAME WAY THAT (F.L.O.P.S.) WORKS, INSTEAD OF CUTTING OUT THE LIFT AN AUDIBLE VOICE INFORMS THE OPERATOR THAT THE MACHINE IS OVERLOADED AND SHOULD BE LOWERED TO THE GROUND AND EXCESS WEIGHT REMOVED. THIS SYSTEM IS NOT AS GOOD AS HAVING (F.L.O.P.S.) BUT AT LEAST THE OPERATOR IS AWARE BY A HUMAN VOICE THAT HE HAS OVERLOADED THE FORKLIFT SPECIFICATIONS.