

DIE CASTING SYSTEM MACHINE CONFIGURATIONS

ABSTRACT OF THE DISCLOSURE

A die casting system includes a die, a shot tube and a shot tube plunger. The
5 die casting system is positioned relative to a surface. The die includes a plurality of
die components that define a die cavity. The shot tube is in fluid communication with
the die cavity. The shot tube plunger is moveable within the shot tube to
communicate molten metal into the die cavity. Each of the die, the shot tube and the
shot tube plunger are inclined at an angle relative to the surface during injection of the
10 molten metal into the die cavity.

Figure 1