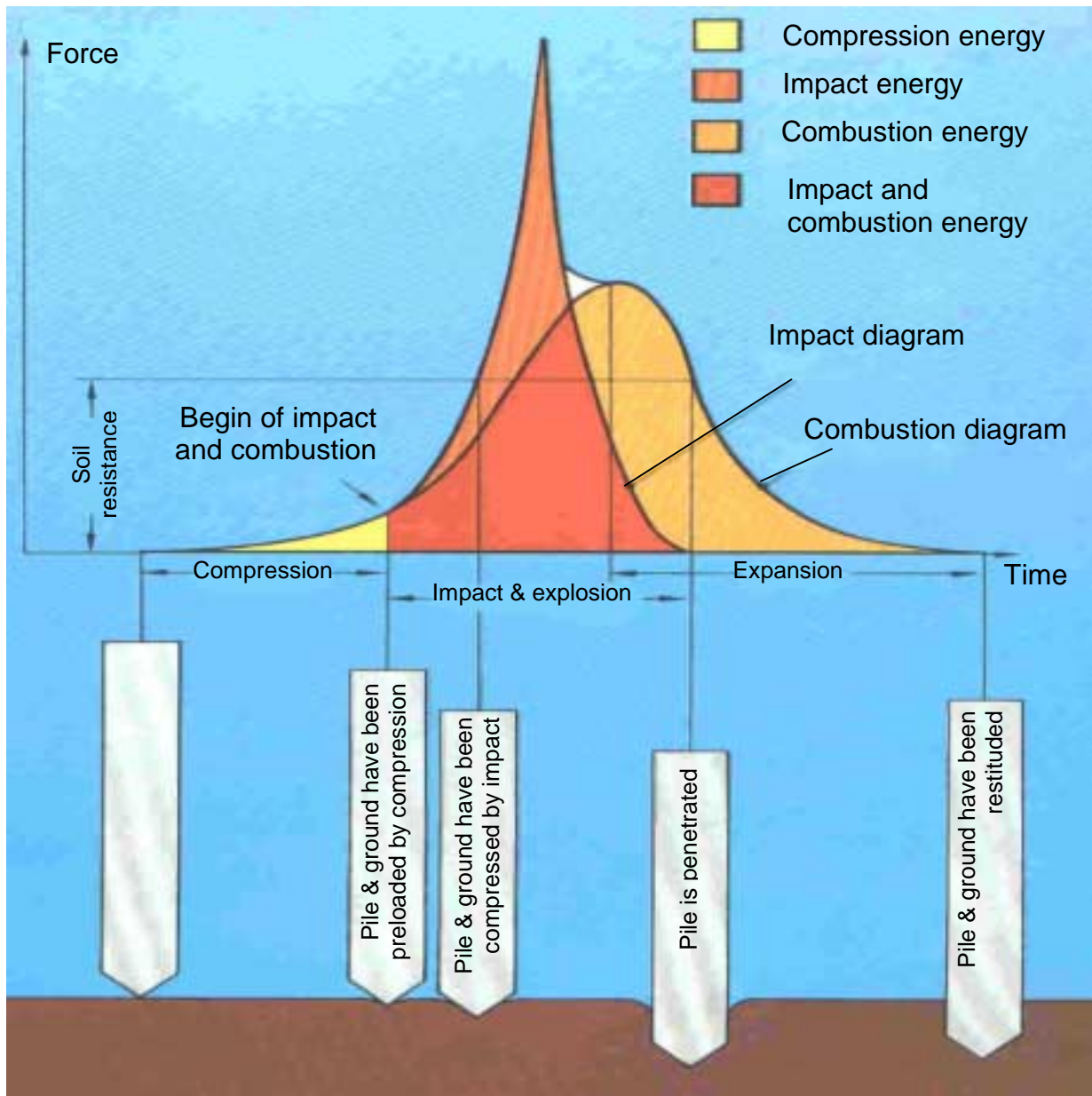




DELMAG Diesel pile hammers operate on the principle of impact atomization.

Thanks to this impact atomization, DELMAG Diesel pile hammers are particularly powerful, because three different energies are acting on the pile



Compression + Impact + Explosion

which are united to an effective cumulative energy. Compression energy will force the impact block with the helmet tightly against the head of the pile. The next blow will then encounter a preloaded pile. Thus pile head is protected and the impact energy is effectively transmitted onto the entire pile. On piles, sensitive to stress, the risk of cracks will be reduced, since the tension imposed on the pile relaxes in upward direction and is retarded by the pressure of the expanding gases