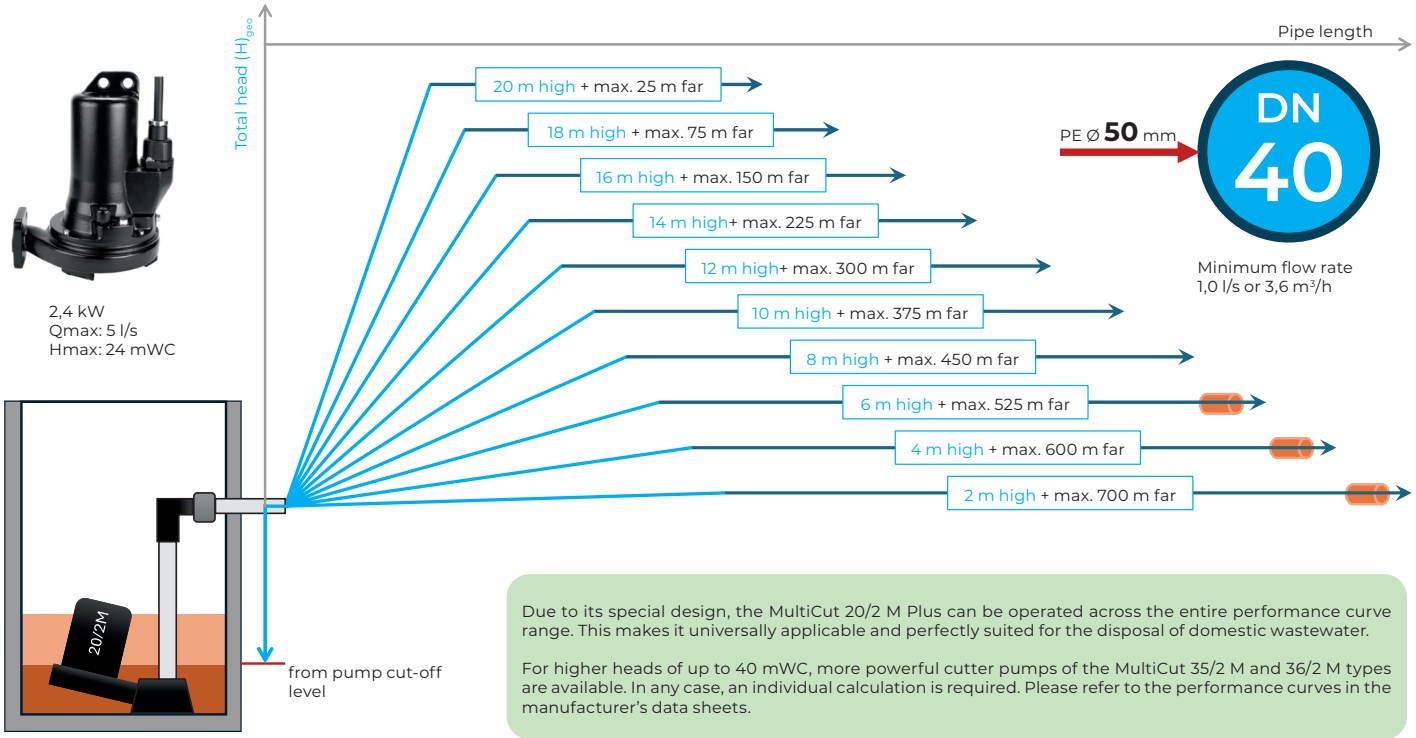
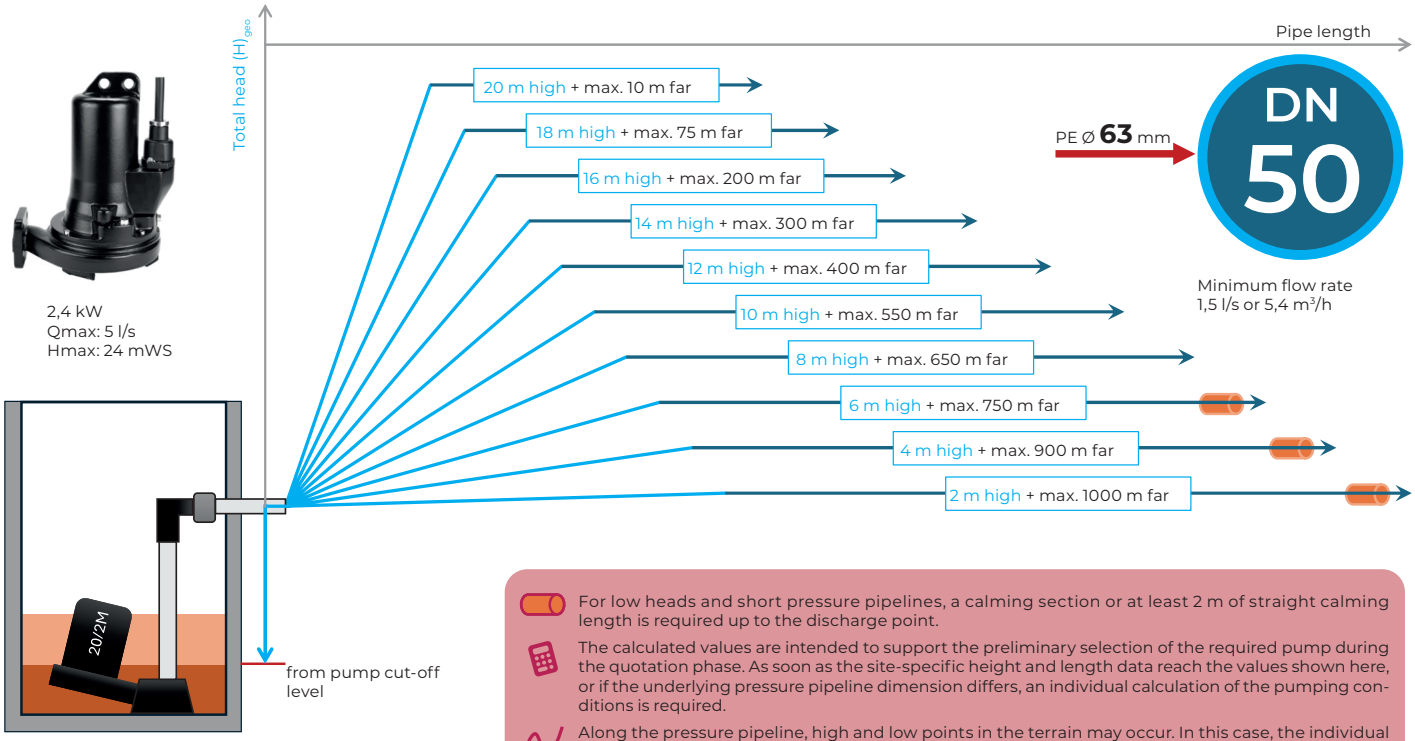
PUMP SELECTION GUIDE
Jung Pumpen MultiCut 20/2 M plus

AQUATO®



Due to its special design, the MultiCut 20/2 M Plus can be operated across the entire performance curve range. This makes it universally applicable and perfectly suited for the disposal of domestic wastewater.

For higher heads of up to 40 mWC, more powerful cutter pumps of the MultiCut 35/2 M and 36/2 M types are available. In any case, an individual calculation is required. Please refer to the performance curves in the manufacturer's data sheets.



For low heads and short pressure pipelines, a calming section or at least 2 m of straight calming length is required up to the discharge point.

The calculated values are intended to support the preliminary selection of the required pump during the quotation phase. As soon as the site-specific height and length data reach the values shown here, or if the underlying pressure pipeline dimension differs, an individual calculation of the pumping conditions is required.

Along the pressure pipeline, high and low points in the terrain may occur. In this case, the individual vertical lift sections must be added together to determine the geodetic head, and an individual calculation must be carried out.

With long pressure pipelines and low wastewater inflow, extended retention times of the wastewater may occur. This can lead to putrefaction processes, resulting in gas bubble formation and increased deposits, which in turn can impair operation. A flushing connection in the pumping station (optional accessory) allows periodic flushing with service water or regular flushing with compressed air.