Benefit the Environment
BENENV

MDS Model Selection (North American Market)

Model ①	*Raw Wastewater Waste Activated Sludge Chemically Precipitated Sludge*		*Dissolved-air Flotation Sludge*		*Mixed Raw Sludge Aerobic Digested Sludge Sewage Sludge*
Sludge Concentration (TS)	*0.2%*	*0.5%*	*2%*	*5%*	*3%*
MDS-101	~2kg-DS/h (~4.40gpm)	~3kg-DS/h (~1.32gpm)	~5kg-DS/h (~1.10gpm)	~10kg-DS/h (~0.88gpm)	~13kg-DS/h (~1.89gpm)
MDS-131	~4kg-DS/h (~8.81gpm)	~6kg-DS/h (~2.64gpm)	~10kg-DS/h (~2.20gpm)	~20kg-DS/h (~1.76gpm)	~26kg-DS/h (~3.83gpm)
MDS-132	~8kg-DS/h (~17.61gpm)	~12kg-DS/h (~5.28gpm)	~20kg-DS/h (~4.40gpm)	~40kg-DS/h (~3.52gpm)	~52kg-DS/h (~7.62gpm)
MDS-202	~16kg-DS/h (~35.22gpm)	~24kg-DS/h (~10.57gpm)	~40kg-DS/h (~8.81gpm)	~80kg-DS/h (~7.04gpm)	~104kg-DS/h (~15.28gpm)
MDS-311	~20kg-DS/h (~44.03gpm)	~30kg-DS/h (~13.21gpm)	~50kg-DS/h (~11.01gpm)	~100kg-DS/h (~8.81gpm)	~130kg-DS/h (~19.06gpm)
MDS-312	~40kg-DS/h (~88.06gpm)	~60kg-DS/h (~26.42gpm)	~100kg-DS/h (~22.01gpm)	~200kg-DS/h (~17.61gpm)	~260kg-DS/h (~38.17gpm)
MDS-313	~60kg-DS/h (~132.09gpm)	~90kg-DS/h (~39.63gpm)	~150kg-DS/h (~33.02gpm)	~300kg-DS/h (~26.42gpm)	~390kg-DS/h (~57.24gpm)
MDS-412	~80kg-DS/h (~176.11gpm)	~120kg-DS/h (~52.83gpm)	~200kg-DS/h (~44.03gpm)	~400kg-DS/h (~35.22gpm)	~520kg-DS/h (~76.17gpm)
MDS-413	~120kg-DS/h (~264.17gpm)	~180kg-DS/h (~79.25gpm)	~300kg-DS/h (~66.04gpm)	~600kg-DS/h (~52.83gpm)	~780kg-DS/h (~114.47gpm)

* Throughput of each model is based on sludge cake with 85% water content.
* There is no certain upper limitation on inlet sludge concentration, however, the target sludge must be flowable.
* Throughput of DAF Sludge is based on sludge containing much fat, oil, and grease such as meat processing applications etc.
* Throughput of Mixed Sludge (Primary Sludge and Waste Activated Sludge) and Aerobically Digested Sludge is based on sludge containing more than 30% fiber (200 mesh) against Total Solids.