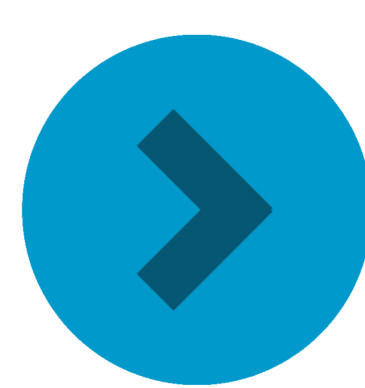


MODULAR SMS-12

High Performance Sand Separation
In A New Compact Design

HERD SIZE
DOESN'T
MATTER



INTRODUCING THE NEW
MODULAR SMS-12 SYSTEM
FOR THE FIRST TIME, DAIRY
SIZE DOESN'T MATTER
BECAUSE MCLANAHAN HAS
YOUR SAND-SEPARATION
SOLUTION

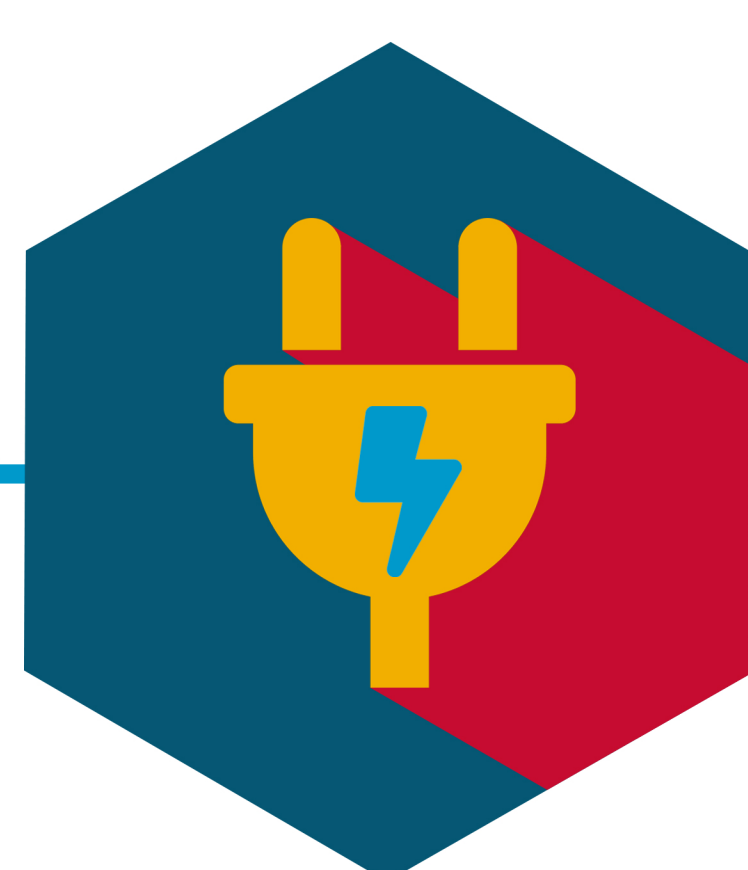
SMALL IN A BIG WAY



LOW COST
Making it the
economical
choice for
dairies of all
sizes



SMALL FOOTPRINT
Allows less
construction
and a fast,
easy set-up



LOW POWER
Uses less
power without
sacrificing
performance



LESS SPENDING
Recycled sand
reduces the need
to purchase new
sand

HIGH PERFORMANCE



CAPABLE OF HANDLING UP TO

**30 COWS
PER HOUR**

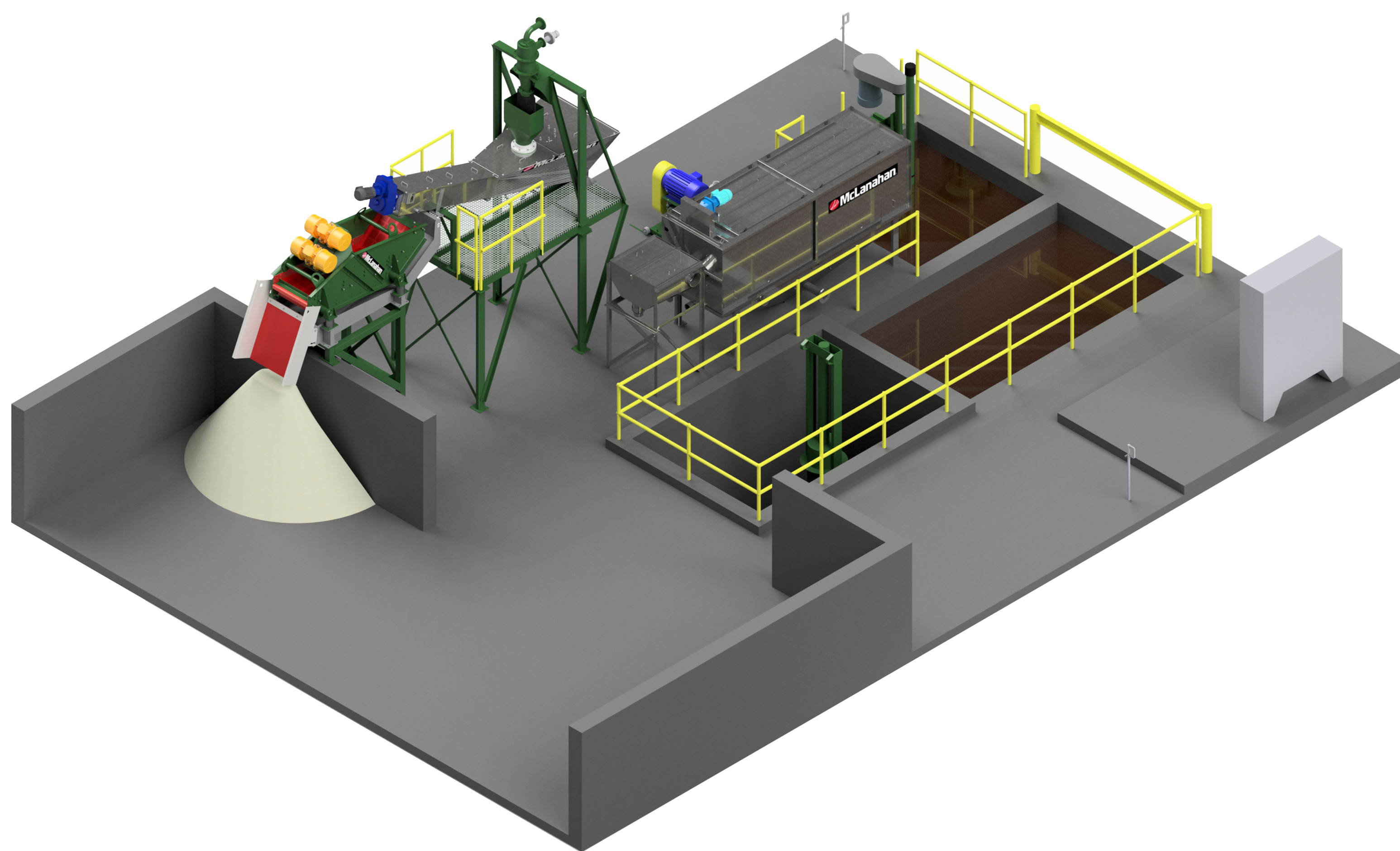


FULLY AUTOMATED
MONITOR THE
SYSTEM FROM YOUR
SMART PHONE



UP TO
95%
SAND RECOVERY

HOW IT WORKS



● MANURE IS PUMPED
INTO A CONDITIONING
BOX AND DILUTED

● DILUTED SAND, MANURE,
AND WATER FLOW
THROUGH A ROTARY
SCREEN AND ARE PUMPED
TO A HYDROCYCLONE

● THE HYDROCYCLONE SEPARATES
THE SAND AND DROPS IT INTO
THE SAND WASHER FOR
CLEANING AND RINSING

● CLEAN SAND DISCHARGES
FROM THE SAND WASHER ONTO
A DEWATERING SCREEN TO
REMOVE ADDITIONAL WATER

WHY MCLANAHAN?

UTILIZES PROVEN
EQUIPMENT FOR
SAND RECOVERY
IN A COMPACT
DESIGN

THE COMPACT
MODULAR DESIGN
PROVIDES A LOWER
COST SOLUTION
FOR DAIRIES

SMALL SYSTEM
FOOTPRINT ALLOWS
FOR A FAST AND
EASY INSTALL

HIGH SAND
RECOVERY
REQUIRING LOW
HORSEPOWER



mclanahan.com