

KARADAYI circular screen feeders are indispensable for optimal ceramic processing, seamlessly integrating preparation machinery and feeders for unparalleled efficiency.

Circular Screen Feeders *DK*



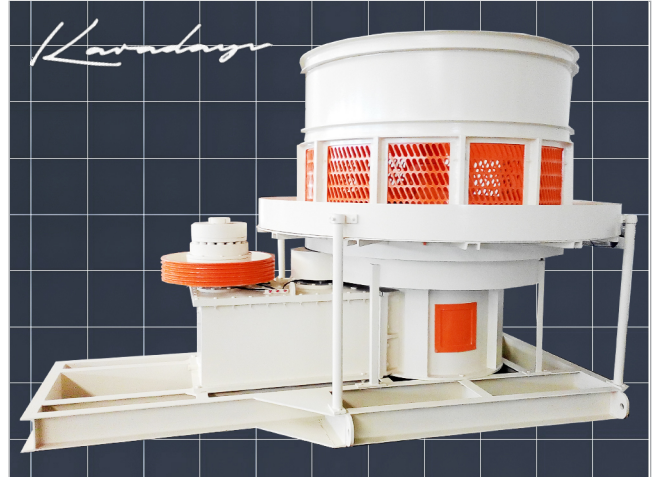
The KARADAYI circular screen feeder series

KARADAYI offers circular screen feeders – also known as clay shredders – of various design for different throughput rates and applications: circular screen feeders for low throughputs and for precise proportioning of feed for use in shaping wall, floor and roof tiles, whiteware and technical ceramics; circular screen feeders with medium throughput capacities for homo-genizing, buffering and proportioning in the brick & tile, stone-ware (i.e., vitrified clayware) and refractory industries; and circular screen feeders designed for mixing, proportioning,

homogenizing and buffering functions throughout the ceramic industry, particularly in the brick & tile sector as singularly robust units. All three basic models are characterized by design features that demonstrate the superiority of circular screen feeders by KARADAYI. Their special features include a screen casing fitted with screen plates bolted onto appropriate supports around the entire circumference of the trough, through which twin scrapers continuously scrape the clay at rates dependent on their speed of rotation.

Defining characteristics

- High throughput capacities coupled with low energy consumption thanks to the optimized angle of incidence between screens and scraper
- New energy-efficient drive technology for high demands
- Collecting pan driven by a separate back-geared motor yielding the following resultant advantages: smooth running, clean stripping, a long service life and low maintenance expenditures



Revised wear concept impresses with clever design details, application-specific variants and easier assembly

Technical data

TYPE	Collecting pan diameter mm	Trough capacity incl. hopper ¹ approx. m³	Volumetric throughput m³/h compact	Throughput capacity t/h wet	Power requirement main drive kW
DK 1600	1.600	2,0	25 - 30	40 - 50	55
DK 1900	1.900	3,0	32 - 50	50 - 80	75

Subject to technical modification due to ongoing development.

