



Grundfos powers operational efficiency at Turkuvaz Media Center 24/7

The Situation

Turkuvaz Media Center, one of Turkey's leading media organizations, operates under strict requirements for continuity and reliability, where even brief disruptions to broadcasting or publishing are unacceptable. To ensure uninterrupted operations, all systems are designed with high redundancy, and maintaining a stable studio temperature of 21–22°C is essential.

When selecting pumping systems, Turkuvaz prioritized reliability, durability, and fail-safe operation. Energy efficiency was important but secondary to operational stability, as system restarts after unplanned shutdowns pose significant risk. Additionally, the center required pumps compatible with advanced automation for remote monitoring and intelligent control. These requirements led Turkuvaz Media Center to select Grundfos as its trusted partner.

The Solution

Grundfos approached the Turkuvaz Media Center project with a clear understanding of its uncompromising need for continuous operation and intelligent control. Leveraging its unique position as manufacturer of every key component, Grundfos delivered a fully integrated pumping solution that connected seamlessly with the center's automation and monitoring infrastructure.

Unlike conventional systems dependent on multiple third-party components, Grundfos offered native compatibility, ensuring precise performance, real-time adaptability, and simplified system integration. Each pump featured built-in variable frequency drives (VFDs) capable of operating efficiently even at 40% speed, maintaining consistent capacity and pressure without compromising reliability.

This advanced engineering delivered up to 20% energy savings compared to conventional systems, while ensuring the resilience essential for 24/7 operations. To further strengthen system uptime, a five-year maintenance agreement was established, providing proactive servicing, rapid response, and single-point accountability.

Even at the lowest point of the performance curve, Grundfos pumps consistently deliver the promised capacity and efficiency. This level of reliability truly sets Grundfos apart

Ersin Şahin,
Turkuvaz Media

GRUNDFOS 

Possibility in every drop



The Outcome

Six years after installation, the Grundfos pump systems at Turkuvaz Media Center have operated without a single interruption, delivering the unwavering reliability that was defined as mission-critical from the outset. Alongside flawless performance, the system has achieved great energy savings compared to alternative brands, thus contributing to both sustainability goals and operational cost efficiency.

As a fully integrated manufacturer, Grundfos removed the complexity of multi-brand coordination, where motors, panels, and controls often originate from different suppliers. This end-to-end integration ensured seamless automation and precise control, empowering Turkuvaz to maintain its most demanding operational standards with complete confidence.

Grundfos Supplied

TPE 2 - Control MPC
NBE
Hydro MPC - E
MAGNA 3, MAGNA3D, MAGNA 3N
Multilift
SEG



Control MPC



MAGNA3D



TPE2

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